

SCHOTT
glass made of ideas

光学玻璃

客户定制玻璃特性表



表格内容

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BAFN6 589485.317

$n_d = 1.58900$	$v_d = 48.45$	$n_F - n_C = 0.012158$
$n_e = 1.59189$	$v_e = 48.16$	$n_{F'} - n_{C'} = 0.012291$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.55832
$n_{1970.1}$	1970.1	1.56349
$n_{1529.6}$	1529.6	1.56910
$n_{1060.0}$	1060.0	1.57522
n_t	1014.0	1.57596
n_s	852.1	1.57910
n_r	706.5	1.58332
n_C	656.3	1.58536
$n_{C'}$	643.8	1.58594
$n_{632.8}$	632.8	1.58647
n_D	589.3	1.58889
n_d	587.6	1.58900
n_e	546.1	1.59189
n_F	486.1	1.59752
$n_{F'}$	480.0	1.59823
n_g	435.8	1.60436
n_h	404.7	1.61017
n_i	365.0	1.62038
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

色散公式常数	
B_1	1.36719201
B_2	0.10907994
B_3	1.02108011
C_1	0.00882820704
C_2	0.0438731646
C_3	113.58602

dn/dT 计算公式常数	
D_0	$1.34 \cdot 10^{-6}$
D_1	$1.34 \cdot 10^{-8}$
D_2	$-5.50 \cdot 10^{-11}$
E_0	$4.95 \cdot 10^{-7}$
E_1	$3.62 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.265

折射率温度系数						
[°C]	$\Delta n_{rel} / \Delta T [10^{-6} / K]$			$\Delta n_{abs} / \Delta T [10^{-6} / K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.1	2.9	3.9	0.0	0.8	1.7
+20/ +40	2.3	3.2	4.3	1.0	1.8	2.8
+60/ +80	2.4	3.3	4.4	1.3	2.2	3.3

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500		
2325	0.910	0.780
1970	0.976	0.940
1530	0.998	0.995
1060	0.998	0.995
700	0.999	0.997
660	0.998	0.995
620	0.998	0.994
580	0.998	0.994
546	0.996	0.991
500	0.994	0.986
460	0.990	0.975
436	0.985	0.963
420	0.981	0.954
405	0.976	0.940
400	0.971	0.930
390	0.954	0.890
380	0.920	0.810
370	0.850	0.670
365	0.790	0.560
350	0.430	0.120
334		
320		
310		
300		
290		
280		
270		
260		
250		

色码 (着色度)	
λ_{80} / λ_5	38/33
(* = λ_{70} / λ_5)	

备注	
inquiry glass. 含铅玻璃	

相对部分色散	
$P_{s,t}$	0.2580
$P_{C,s}$	0.5152
$P_{d,C}$	0.2993
$P_{e,d}$	0.2377
$P_{g,F}$	0.5625
$P_{i,h}$	0.8405
$P'_{s,t}$	0.2552
$P'_{C,s}$	0.5565
$P'_{d,C'}$	0.2492
$P'_{e,d}$	0.2351
$P'_{g,F'}$	0.4987
$P'_{i,h}$	0.8314

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0015
$\Delta P_{C,s}$	-0.0006
$\Delta P_{F,e}$	0.0001
$\Delta P_{g,F}$	0.0002
$\Delta P_{i,g}$	0.0002

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6} / K]$	7.8
$\alpha_{+20/+300^\circ C} [10^{-6} / K]$	8.5
$T_g [^\circ C]$	549
$T_{10}^{13.0} [^\circ C]$	0
$T_{10}^{7.6} [^\circ C]$	0
$c_p [J/(g \cdot K)]$	
$\lambda [W/(m \cdot K)]$	
$\rho [g/cm^3]$	3.17
$E [10^3 N/mm^2]$	77
μ	0.234
$K [10^{-6} mm^2/N]$	2.50
$HK_{0.1/20}$	540
HG	
B	1
CR	2
FR	0
SR	2
AR	2
PR	1

BK7G18 520636.252

$n_d = 1.51975$	$v_d = 63.58$	$n_F - n_C = 0.008174$
$n_e = 1.52170$	$v_e = 63.36$	$n_{F'} - n_{C'} = 0.008233$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.49203
$n_{1970.1}$	1970.1	1.49777
$n_{1529.6}$	1529.6	1.50373
$n_{1060.0}$	1060.0	1.50953
n_t	1014.0	1.51015
n_s	852.1	1.51267
n_r	706.5	1.51579
n_C	656.3	1.51724
$n_{C'}$	643.8	1.51764
$n_{632.8}$	632.8	1.51802
n_D	589.3	1.51968
n_d	587.6	1.51975
n_e	546.1	1.52170
n_F	486.1	1.52541
$n_{F'}$	480.0	1.52587
n_g	435.8	1.52981
n_h	404.7	1.53345
n_i	365.0	1.53970
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.634	0.320
2325	0.782	0.540
1970	0.933	0.841
1530	0.992	0.979
1060	0.999	0.998
700	0.997	0.993
660	0.995	0.988
620	0.994	0.984
580	0.992	0.979
546	0.989	0.973
500	0.982	0.957
460	0.970	0.927
436	0.947	0.873
420	0.905	0.780
405	0.815	0.600
400	0.764	0.510
390	0.601	0.280
380	0.360	0.080
370	0.080	
365	0.020	
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.3077
$P_{C,s}$	0.5591
$P_{d,C}$	0.3071
$P_{e,d}$	0.2385
$P_{g,F}$	0.5376
$P_{i,h}$	0.7640
$P'_{s,t}$	0.3055
$P'_{C',s}$	0.6040
$P'_{d,C'}$	0.2561
$P'_{e,d}$	0.2368
$P'_{g,F'}$	0.4777
$P'_{i,h}$	0.7585

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0203
$\Delta P_{C,s}$	0.0080
$\Delta P_{F,e}$	-0.0006
$\Delta P_{g,F}$	0.0007
$\Delta P_{i,g}$	0.0189

色散公式常数	
B_1	1.26538542
B_2	0.0144191073
B_3	1.00323028
C_1	0.00813104078
C_2	0.0543303226
C_3	102.821166

其他性能说明	
$\alpha_{-30/+70^\circ\text{C}} [10^{-6}/\text{K}]$	7.0
$\alpha_{+20/+300^\circ\text{C}} [10^{-6}/\text{K}]$	8.2
$T_g [^\circ\text{C}]$	585
$T_{10}^{13.0} [^\circ\text{C}]$	570
$T_{10}^{7.6} [^\circ\text{C}]$	722
$c_p [\text{J}/(\text{g}\cdot\text{K})]$	0.820
$\lambda [\text{W}/(\text{m}\cdot\text{K})]$	1.190
$\rho [\text{g}/\text{cm}^3]$	2.52
$E [10^3 \text{N}/\text{mm}^2]$	82
μ	0.205
$K [10^{-6} \text{mm}^2/\text{N}]$	2.77
$\text{HK}_{0.1/20}$	580
HG	
B	0
CR	
FR	0
SR	1
AR	2
PR	

dn/dT 计算公式常数	
D_0	$1.52 \cdot 10^{-6}$
D_1	$1.37 \cdot 10^{-8}$
D_2	$-1.26 \cdot 10^{-11}$
E_0	$4.36 \cdot 10^{-7}$
E_1	$4.17 \cdot 10^{-10}$
$\lambda_{TK} [\mu\text{m}]$	0.194

色码 (着色度)	
λ_{80}/λ_5	41/37
(*= λ_{70}/λ_5)	
备注	
radiation resistant glass	

折射率温度系数						
[°C]	$\Delta n_{\text{rel}}/\Delta T [10^{-6}/\text{K}]$			$\Delta n_{\text{abs}}/\Delta T [10^{-6}/\text{K}]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.2	2.7	3.3	0.2	0.7	1.2
+20/ +40	2.2	2.8	3.4	0.9	1.5	2.1
+60/ +80	2.4	3.0	3.7	1.4	2.0	2.6

F2G12 621366.360

$n_d = 1.62072$	$v_d = 36.56$	$n_F - n_C = 0.016979$
$n_e = 1.62474$	$v_e = 36.30$	$n_{F'} - n_{C'} = 0.017212$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.58584
$n_{1970.1}$	1970.1	1.59051
$n_{1529.6}$	1529.6	1.59593
$n_{1060.0}$	1060.0	1.60265
n_t	1014.0	1.60353
n_s	852.1	1.60744
n_r	706.5	1.61298
n_C	656.3	1.61573
$n_{C'}$	643.8	1.61652
$n_{632.8}$	632.8	1.61725
n_D	589.3	1.62057
n_d	587.6	1.62072
n_e	546.1	1.62474
n_F	486.1	1.63271
$n_{F'}$	480.0	1.63373
n_g	435.8	1.64261
n_h	404.7	1.65121
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.891	0.750
2325	0.924	0.820
1970	0.971	0.930
1530	0.996	0.989
1060	0.999	0.997
700	0.995	0.988
660	0.994	0.984
620	0.992	0.979
580	0.989	0.972
546	0.985	0.963
500	0.974	0.937
460	0.937	0.850
436	0.842	0.650
420	0.693	0.400
405	0.428	0.120
400	0.325	0.060
390	0.124	
380	0.019	
370		
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2303
$P_{C,s}$	0.4883
$P_{d,C}$	0.2937
$P_{e,d}$	0.2369
$P_{g,F}$	0.5831
$P_{i,h}$	
$P'_{s,t}$	0.2272
$P'_{C',s}$	0.5271
$P'_{d,C'}$	0.2443
$P'_{e,d}$	0.2337
$P'_{g,F'}$	0.5163
$P'_{i,h}$	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0002
$\Delta P_{C,s}$	0.0002
$\Delta P_{F,e}$	0.0002
$\Delta P_{g,F}$	0.0008
$\Delta P_{i,g}$	

色散公式常数	
B_1	1.34702224
B_2	0.210037763
B_3	19.5350768
C_1	0.00980850553
C_2	0.0471788018
C_3	2279.1547

其他性能说明	
$\alpha_{-30/+70^\circ\text{C}} [10^{-6}/\text{K}]$	8.1
$\alpha_{+20/+300^\circ\text{C}} [10^{-6}/\text{K}]$	9.0
$T_g [^\circ\text{C}]$	435
$T_{10}^{13.0} [^\circ\text{C}]$	438
$T_{10}^{7.6} [^\circ\text{C}]$	604
$c_p [\text{J}/(\text{g}\cdot\text{K})]$	0.530
$\lambda [\text{W}/(\text{m}\cdot\text{K})]$	0.820
$\rho [\text{g}/\text{cm}^3]$	3.60
$E [10^3 \text{N}/\text{mm}^2]$	58
μ	0.222
$K [10^{-6} \text{mm}^2/\text{N}]$	2.79
$HK_{0.1/20}$	428
HG	
B	1
CR	1
FR	0
SR	1
AR	1.3
PR	2.3

dn/dT 计算公式常数	
D_0	
D_1	
D_2	
E_0	
E_1	
$\lambda_{TK} [\mu\text{m}]$	

色码 (着色度)	
λ_{80}/λ_5	45/39
(* = λ_{70}/λ_5)	
备注	
radiation resistant glass	

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/\text{K}]$			$\Delta n_{abs}/\Delta T [10^{-6}/\text{K}]$		
	1060.0	e	g	1060.0	e	g
-40/ -20						
+20/ +40						
+60/ +80						

FK3 464658.227

$n_d = 1.46450$	$v_d = 65.77$	$n_F - n_C = 0.007063$
$n_e = 1.46619$	$v_e = 65.57$	$n_{F'} - n_{C'} = 0.007110$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.43972
$n_{1970.1}$	1970.1	1.44498
$n_{1529.6}$	1529.6	1.45039
$n_{1060.0}$	1060.0	1.45557
n_t	1014.0	1.45612
n_s	852.1	1.45834
n_r	706.5	1.46106
n_C	656.3	1.46232
$n_{C'}$	643.8	1.46267
$n_{632.8}$	632.8	1.46300
n_D	589.3	1.46444
n_d	587.6	1.46450
n_e	546.1	1.46619
n_F	486.1	1.46939
$n_{F'}$	480.0	1.46978
n_g	435.8	1.47315
n_h	404.7	1.47625
n_i	365.0	1.48149
$n_{334.1}$	334.1	1.48708
$n_{312.6}$	312.6	1.49217
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.650	0.340
2325	0.810	0.590
1970	0.971	0.930
1530	0.988	0.970
1060	0.998	0.995
700	0.997	0.993
660	0.997	0.993
620	0.997	0.993
580	0.997	0.993
546	0.997	0.993
500	0.997	0.993
460	0.996	0.990
436	0.996	0.989
420	0.995	0.987
405	0.994	0.986
400	0.994	0.985
390	0.994	0.984
380	0.992	0.980
370	0.988	0.971
365	0.985	0.964
350	0.954	0.890
334	0.890	0.740
320	0.700	0.410
310	0.510	0.190
300	0.300	0.050
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.3133
$P_{C,s}$	0.5644
$P_{d,C}$	0.3083
$P_{e,d}$	0.2387
$P_{g,F}$	0.5329
$P_{i,h}$	0.7419
$P'_{s,t}$	0.3112
$P'_{C',s}$	0.6097
$P'_{d,C'}$	0.2571
$P'_{e,d}$	0.2371
$P'_{g,F'}$	0.4736
$P'_{i,h}$	0.7370

色散公式常数	
B_1	0.973346627
B_2	0.146642231
B_3	0.679304225
C_1	0.00640795469
C_2	0.020565293
C_3	80.4965389

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0207
$\Delta P_{C,s}$	0.0082
$\Delta P_{F,e}$	-0.0008
$\Delta P_{g,F}$	-0.0003
$\Delta P_{i,g}$	0.0079

dn/dT 计算公式常数	
D_0	$-4.90 \cdot 10^{-6}$
D_1	$1.23 \cdot 10^{-8}$
D_2	$-1.19 \cdot 10^{-10}$
E_0	$3.45 \cdot 10^{-7}$
E_1	$7.72 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.18

色码 (着色度)	
λ_{80}/λ_5	33/30
(*= λ_{70}/λ_5)	
备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	8.2
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	9.4
$T_g [^\circ C]$	362
$T_{10}^{13.0} [^\circ C]$	369
$T_{10}^{7.6} [^\circ C]$	622
$c_p [J/(g \cdot K)]$	0.840
$\lambda [W/(m \cdot K)]$	0.900
$\rho [g/cm^3]$	2.27
$E [10^3 N/mm^2]$	46
μ	0.243
$K [10^{-6} mm^2/N]$	3.71
$HK_{0.1/20}$	380
HG	
B	1
CR	2
FR	3
SR	52.4
AR	2
PR	1

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	-0.7	-0.4	-0.1	-2.6	-2.4	-2.1
+20/ +40	-0.4	0.0	0.3	-1.7	-1.3	-1.0
+60/ +80	-0.6	-0.2	0.3	-1.6	-1.2	-0.8

K5G20 523568.259

$n_d = 1.52344$	$v_d = 56.76$	$n_F - n_C = 0.009222$
$n_e = 1.52564$	$v_e = 56.47$	$n_{F'} - n_{C'} = 0.009308$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.49784
$n_{1970.1}$	1970.1	1.50236
$n_{1529.6}$	1529.6	1.50730
$n_{1060.0}$	1060.0	1.51258
n_t	1014.0	1.51319
n_s	852.1	1.51573
n_r	706.5	1.51906
n_C	656.3	1.52065
$n_{C'}$	643.8	1.52109
$n_{632.8}$	632.8	1.52151
n_D	589.3	1.52336
n_d	587.6	1.52344
n_e	546.1	1.52564
n_F	486.1	1.52987
$n_{F'}$	480.0	1.53040
n_g	435.8	1.53494
n_h	404.7	1.53919
n_i	365.0	1.54651
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.634	0.320
2325	0.733	0.460
1970	0.896	0.760
1530	0.990	0.976
1060	0.998	0.995
700	0.997	0.992
660	0.995	0.987
620	0.994	0.985
580	0.993	0.982
546	0.990	0.976
500	0.984	0.961
460	0.971	0.930
436	0.954	0.890
420	0.924	0.820
405	0.857	0.680
400	0.821	0.610
390	0.686	0.390
380	0.442	0.130
370	0.130	
365	0.029	
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2764
$P_{C,s}$	0.5327
$P_{d,C}$	0.3027
$P_{e,d}$	0.2382
$P_{g,F}$	0.5500
$P_{i,h}$	0.7943
$P'_{s,t}$	0.2738
$P'_{C',s}$	0.5755
$P'_{d,C'}$	0.2523
$P'_{e,d}$	0.2360
$P'_{g,F'}$	0.4881
$P'_{i,h}$	0.7870

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0051
$\Delta P_{C,s}$	-0.0025
$\Delta P_{F,e}$	0.0005
$\Delta P_{g,F}$	0.0017
$\Delta P_{i,g}$	0.0065

色散公式常数	
B_1	1.14094396
B_2	0.14500119
B_3	37.4705786
C_1	0.00694945478
C_2	0.0310574444
C_3	4536.25624

其他性能说明	
$\alpha_{-30/+70^\circ\text{C}} [10^{-6}/\text{K}]$	9.0
$\alpha_{+20/+300^\circ\text{C}} [10^{-6}/\text{K}]$	10.3
$T_g [^\circ\text{C}]$	483
$T_{10}^{13.0} [^\circ\text{C}]$	501
$T_{10}^{7.6} [^\circ\text{C}]$	679
$c_p [\text{J}/(\text{g}\cdot\text{K})]$	0.790
$\lambda [\text{W}/(\text{m}\cdot\text{K})]$	1.000
$\rho [\text{g}/\text{cm}^3]$	2.59
$E [10^3 \text{N}/\text{mm}^2]$	68
μ	0.222
$K [10^{-6} \text{mm}^2/\text{N}]$	
$\text{HK}_{0.1/20}$	510
HG	
B	1
CR	
FR	0
SR	1
AR	1
PR	

dn/dT 计算公式常数	
D_0	$-2.22 \cdot 10^{-6}$
D_1	$8.45 \cdot 10^{-9}$
D_2	$-3.31 \cdot 10^{-11}$
E_0	$5.44 \cdot 10^{-7}$
E_1	$4.95 \cdot 10^{-10}$
$\lambda_{TK} [\mu\text{m}]$	0.214

色码 (着色度)	
λ_{80}/λ_5	41/37
(*= λ_{70}/λ_5)	
备注	
radiation resistant glass	

折射率温度系数						
[°C]	$\Delta n_{\text{rel}}/\Delta T [10^{-6}/\text{K}]$			$\Delta n_{\text{abs}}/\Delta T [10^{-6}/\text{K}]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	0.8	1.5	2.2	-1.2	-0.6	0.1
+20/ +40	0.6	1.4	2.1	-0.7	0.1	0.8
+60/ +80	0.6	1.4	2.2	-0.5	0.3	1.1

LAK9G15 691548.353

$n_d = 1.69064$	$v_d = 54.76$	$n_F - n_C = 0.012612$
$n_e = 1.69364$	$v_e = 54.53$	$n_{F'} - n_{C'} = 0.012721$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.65362
$n_{1970.1}$	1970.1	1.66043
$n_{1529.6}$	1529.6	1.66783
$n_{1060.0}$	1060.0	1.67552
n_t	1014.0	1.67639
n_s	852.1	1.67999
n_r	706.5	1.68462
n_C	656.3	1.68680
$n_{C'}$	643.8	1.68741
$n_{632.8}$	632.8	1.68798
n_D	589.3	1.69052
n_d	587.6	1.69064
n_e	546.1	1.69364
n_F	486.1	1.69941
$n_{F'}$	480.0	1.70013
n_g	435.8	1.70630
n_h	404.7	1.71205
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

色散公式常数	
B_1	1.28773667
B_2	0.518244853
B_3	26.1756109
C_1	0.0055754192
C_2	0.0223679524
C_3	1892.2533

dn/dT 计算公式常数	
D_0	
D_1	
D_2	
E_0	
E_1	
$\lambda_{TK} [\mu m]$	

折射率温度系数						
[°C]	$\Delta n_{rel} / \Delta T [10^{-6} / K]$			$\Delta n_{abs} / \Delta T [10^{-6} / K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20						
+20/ +40						
+60/ +80						

内部透透率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.480	0.160
2325	0.752	0.490
1970	0.963	0.910
1530	0.995	0.987
1060	0.998	0.996
700	0.994	0.986
660	0.993	0.982
620	0.991	0.978
580	0.989	0.973
546	0.985	0.964
500	0.971	0.930
460	0.919	0.810
436	0.799	0.570
420	0.634	0.320
405	0.382	0.090
400	0.292	0.040
390	0.123	0.010
380	0.026	
370		
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

色码 (着色度)	
λ_{80} / λ_5	46/38
(* = λ_{70} / λ_5)	

备注	
radiation resistant glass	

相对部分色散	
$P_{s,t}$	0.2852
$P_{C,s}$	0.5400
$P_{d,C}$	0.3040
$P_{e,d}$	0.2383
$P_{g,F}$	0.5462
$P_{i,h}$	
$P'_{s,t}$	0.2828
$P'_{C',s}$	0.5834
$P'_{d,C'}$	0.2533
$P'_{e,d}$	0.2362
$P'_{g,F'}$	0.4849
$P'_{i,h}$	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0205
$\Delta P_{C,s}$	0.0095
$\Delta P_{F,e}$	-0.0018
$\Delta P_{g,F}$	-0.0055
$\Delta P_{i,g}$	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6} / K]$	6.3
$\alpha_{+20/+300^\circ C} [10^{-6} / K]$	7.6
$T_g [^\circ C]$	634
$T_{10}^{13.0} [^\circ C]$	635
$T_{10}^{7.6} [^\circ C]$	710
$c_p [J/(g \cdot K)]$	0.660
$\lambda [W/(m \cdot K)]$	0.880
$\rho [g/cm^3]$	3.53
$E [10^3 N/mm^2]$	108
μ	0.288
$K [10^{-6} mm^2/N]$	1.86
$HK_{0.1/20}$	721
HG	
B	2
CR	2
FR	2
SR	53
AR	1.3
PR	4.3

LASF35 022291.541

$n_d = 2.02204$	$v_d = 29.06$	$n_F - n_C = 0.035170$
$n_e = 2.03035$	$v_e = 28.84$	$n_F' - n_C' = 0.035721$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.95946
$n_{1970.1}$	1970.1	1.96639
$n_{1529.6}$	1529.6	1.97472
$n_{1060.0}$	1060.0	1.98624
n_t	1014.0	1.98786
n_s	852.1	1.99531
n_r	706.5	2.00628
n_C	656.3	2.01185
$n_{C'}$	643.8	2.01343
$n_{632.8}$	632.8	2.01493
n_D	589.3	2.02173
n_d	587.6	2.02204
n_e	546.1	2.03035
n_F	486.1	2.04702
$n_{F'}$	480.0	2.04916
n_g	435.8	2.06805
n_h	404.7	2.08663
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

色散公式常数	
B_1	2.45505861
B_2	0.453006077
B_3	2.3851308
C_1	0.0135670404
C_2	0.054580302
C_3	167.904715

dn/dT 计算公式常数	
D_0	$1.43 \cdot 10^{-7}$
D_1	$8.71 \cdot 10^{-9}$
D_2	$-2.71 \cdot 10^{-11}$
E_0	$1.02 \cdot 10^{-6}$
E_1	$1.50 \cdot 10^{-9}$
$\lambda_{TK} [\mu m]$	0.263

折射率温度系数						
[°C]	$\Delta n_{rel} / \Delta T [10^{-6} / K]$			$\Delta n_{abs} / \Delta T [10^{-6} / K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.6	5.0	7.8	-0.1	2.2	5.0
+20/ +40	2.7	5.5	9.0	1.0	3.8	7.1
+60/ +80	2.8	5.9	9.7	1.4	4.5	8.3

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.787	0.550
2325	0.877	0.720
1970	0.973	0.934
1530	0.995	0.987
1060	0.998	0.994
700	0.992	0.981
660	0.990	0.974
620	0.987	0.969
580	0.985	0.962
546	0.977	0.943
500	0.948	0.874
460	0.903	0.774
436	0.852	0.670
420	0.787	0.550
405	0.686	0.390
400	0.634	0.320
390	0.504	0.180
380	0.302	0.050
370	0.100	
365	0.030	
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

色码 (着色度)	
λ_{80} / λ_5	45/37*
(*= λ_{70} / λ_5)	

备注	
inquiry glass	

相对部分色散	
$P_{s,t}$	0.2118
$P_{C,s}$	0.4701
$P_{d,C}$	0.2899
$P_{e,d}$	0.2364
$P_{g,F}$	0.5982
$P_{i,h}$	
$P'_{s,t}$	0.2086
$P'_{C,s}$	0.5073
$P'_{d,C'}$	0.2409
$P'_{e,d}$	0.2327
$P'_{g,F'}$	0.5291
$P'_{i,h}$	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0009
$\Delta P_{C,s}$	-0.0006
$\Delta P_{F,e}$	0.0006
$\Delta P_{g,F}$	0.0033
$\Delta P_{i,g}$	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6} / K]$	7.4
$\alpha_{+20/+300^\circ C} [10^{-6} / K]$	8.5
$T_g [^\circ C]$	774
$T_{10}^{13.0} [^\circ C]$	0
$T_{10}^{7.6} [^\circ C]$	0
$c_p [J/(g \cdot K)]$	0.445
$\lambda [W/(m \cdot K)]$	0.920
$\rho [g/cm^3]$	5.41
$E [10^3 N/mm^2]$	132
μ	0.303
$K [10^{-6} mm^2/N]$	0.73
$HK_{0.1/20}$	810
HG	1
B	2
CR	1
FR	0
SR	1.3
AR	1
PR	1.3

LF5G15 584408.322

$n_d = 1.58397$	$v_d = 40.83$	$n_F - n_C = 0.014301$
$n_e = 1.58736$	$v_e = 40.55$	$n_F' - n_C' = 0.014484$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.55252
$n_{1970.1}$	1970.1	1.55707
$n_{1529.6}$	1529.6	1.56225
$n_{1060.0}$	1060.0	1.56842
n_t	1014.0	1.56920
n_s	852.1	1.57263
n_r	706.5	1.57739
n_C	656.3	1.57974
$n_{C'}$	643.8	1.58041
$n_{632.8}$	632.8	1.58103
n_D	589.3	1.58384
n_d	587.6	1.58397
n_e	546.1	1.58736
n_F	486.1	1.59404
$n_{F'}$	480.0	1.59489
n_g	435.8	1.60228
n_h	404.7	
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.693	0.400
2325	0.770	0.520
1970	0.912	0.795
1530	0.994	0.985
1060	0.999	0.998
700	0.997	0.992
660	0.996	0.989
620	0.995	0.987
580	0.993	0.984
546	0.991	0.979
500	0.985	0.963
460	0.966	0.918
436	0.917	0.805
420	0.833	0.632
405	0.657	0.350
400	0.569	0.244
390	0.350	0.070
380	0.134	
370	0.020	
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2397
$P_{C,s}$	0.4975
$P_{d,C}$	0.2957
$P_{e,d}$	0.2372
$P_{g,F}$	0.5759
$P_{i,h}$	
$P'_{s,t}$	0.2367
$P'_{C,s}$	0.5372
$P'_{d,C'}$	0.2460
$P'_{e,d}$	0.2342
$P'_{g,F'}$	0.5101
$P'_{i,h}$	

色散公式常数	
B_1	1.28887331
B_2	0.162818811
B_3	10.5579792
C_1	0.0092001566
C_2	0.0456954308
C_3	1275.44015

色码 (着色度)	
λ_{80}/λ_5	43/37
(*= λ_{70}/λ_5)	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0015
$\Delta P_{C,s}$	-0.0006
$\Delta P_{F,e}$	0.0002
$\Delta P_{g,F}$	0.0008
$\Delta P_{i,g}$	

dn/dT 计算公式常数	
D_0	
D_1	
D_2	
E_0	
E_1	
$\lambda_{TK}[\mu m]$	

备注	
radiation resistant glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	9.3
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	10.7
$T_g [^\circ C]$	407
$T_{10}^{13.0} [^\circ C]$	412
$T_{10}^{7.6} [^\circ C]$	578
$c_p [J/(g \cdot K)]$	0.600
$\lambda [W/(m \cdot K)]$	0.860
$\rho [g/cm^3]$	3.22
$E [10^3 N/mm^2]$	60
μ	0.228
$K [10^{-6} mm^2/N]$	2.77
$HK_{0.1/20}$	446
HG	
B	
CR	2
FR	0
SR	1
AR	1.3
PR	2.3

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20						
+20/ +40						
+60/ +80						

LF5G19 597399.330

$n_d = 1.59655$	$v_d = 39.89$	$n_F - n_C = 0.014954$
$n_e = 1.60010$	$v_e = 39.60$	$n_{F'} - n_{C'} = 0.015153$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.56416
$n_{1970.1}$	1970.1	1.56890
$n_{1529.6}$	1529.6	1.57419
$n_{1060.0}$	1060.0	1.58045
n_t	1014.0	1.58125
n_s	852.1	1.58477
n_r	706.5	1.58970
n_C	656.3	1.59214
$n_{C'}$	643.8	1.59284
$n_{632.8}$	632.8	1.59349
n_D	589.3	1.59642
n_d	587.6	1.59655
n_e	546.1	1.60010
n_F	486.1	1.60710
$n_{F'}$	480.0	1.60799
n_g	435.8	1.61578
n_h	404.7	1.62330
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

色散公式常数	
B_1	1.34611327
B_2	0.142428018
B_3	0.900477176
C_1	0.0097174385
C_2	0.0501911619
C_3	111.959703

dn/dT 计算公式常数	
D_0	$-8.15 \cdot 10^{-6}$
D_1	$1.34 \cdot 10^{-8}$
D_2	$-9.22 \cdot 10^{-12}$
E_0	$8.57 \cdot 10^{-7}$
E_1	$8.26 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.243

折射率温度系数						
[°C]	$\Delta n_{rel} / \Delta T [10^{-6} / K]$			$\Delta n_{abs} / \Delta T [10^{-6} / K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	-2.1	-0.9	0.4	-4.2	-3.1	-1.8
+20/ +40	-2.0	-0.7	0.8	-3.3	-2.1	-0.6
+60/ +80	-1.8	-0.3	1.3	-2.8	-1.4	0.1

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.525	0.200
2325	0.631	0.316
1970	0.870	0.707
1530	0.992	0.979
1060	0.999	0.998
700	0.997	0.993
660	0.995	0.987
620	0.993	0.983
580	0.991	0.977
546	0.986	0.966
500	0.973	0.934
460	0.929	0.832
436	0.822	0.612
420	0.657	0.350
405	0.382	0.090
400	0.276	0.040
390	0.090	
380		
370		
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

色码 (着色度)	
λ_{80} / λ_5	45/39
(*= λ_{70} / λ_5)	

备注	
radiation resistant glass	

相对部分色散	
$P_{s,t}$	0.2355
$P_{C,s}$	0.4930
$P_{d,C}$	0.2946
$P_{e,d}$	0.2370
$P_{g,F}$	0.5803
$P_{i,h}$	
$P'_{s,t}$	0.2324
$P'_{C',s}$	0.5322
$P'_{d,C'}$	0.2451
$P'_{e,d}$	0.2339
$P'_{g,F'}$	0.5139
$P'_{i,h}$	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0056
$\Delta P_{C,s}$	-0.0028
$\Delta P_{F,e}$	0.0009
$\Delta P_{g,F}$	0.0036
$\Delta P_{i,g}$	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6} / K]$	10.7
$\alpha_{+20/+300^\circ C} [10^{-6} / K]$	11.4
$T_g [^\circ C]$	474
$T_{10}^{13.0} [^\circ C]$	462
$T_{10}^{7.6} [^\circ C]$	606
$c_p [J/(g \cdot K)]$	0.580
$\lambda [W/(m \cdot K)]$	0.750
$\rho [g/cm^3]$	3.30
$E [10^3 N/mm^2]$	56
μ	0.242
$K [10^{-6} mm^2/N]$	2.80
$HK_{0.1/20}$	410
HG	2
B	1
CR	3
FR	2
SR	3.4
AR	2.2
PR	3

N-BAF3 583466.279

$n_d = 1.58272$	$v_d = 46.64$	$n_F - n_C = 0.012495$
$n_e = 1.58569$	$v_e = 46.35$	$n_{F'} - n_{C'} = 0.012637$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.54998
$n_{1970.1}$	1970.1	1.55574
$n_{1529.6}$	1529.6	1.56192
$n_{1060.0}$	1060.0	1.56850
n_t	1014.0	1.56927
n_s	852.1	1.57254
n_r	706.5	1.57689
n_C	656.3	1.57899
$n_{C'}$	643.8	1.57958
$n_{632.8}$	632.8	1.58013
n_D	589.3	1.58261
n_d	587.6	1.58272
n_e	546.1	1.58569
n_F	486.1	1.59149
$n_{F'}$	480.0	1.59222
n_g	435.8	1.59857
n_h	404.7	1.60463
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.733	0.460
2325	0.847	0.660
1970	0.954	0.890
1530	0.992	0.980
1060	0.997	0.993
700	0.998	0.994
660	0.997	0.992
620	0.996	0.991
580	0.997	0.993
546	0.996	0.991
500	0.994	0.985
460	0.990	0.975
436	0.986	0.965
420	0.981	0.952
405	0.967	0.920
400	0.959	0.900
390	0.924	0.820
380	0.852	0.670
370	0.693	0.400
365	0.565	0.240
350	0.063	
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2616
$P_{C,s}$	0.5160
$P_{d,C}$	0.2987
$P_{e,d}$	0.2375
$P_{g,F}$	0.5669
$P_{i,h}$	
$P'_{s,t}$	0.2587
$P'_{C',s}$	0.5569
$P'_{d,C'}$	0.2487
$P'_{e,d}$	0.2348
$P'_{g,F'}$	0.5026
$P'_{i,h}$	

色散公式常数	
B_1	1.34859634
B_2	0.10764424
B_3	1.13207084
C_1	0.00871492932
C_2	0.0478406436
C_3	112.936116

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0114
$\Delta P_{C,s}$	0.0044
$\Delta P_{F,e}$	-0.0001
$\Delta P_{g,F}$	0.0015
$\Delta P_{i,g}$	

dn/dT 计算公式常数	
D_0	$1.40 \cdot 10^{-6}$
D_1	$1.24 \cdot 10^{-8}$
D_2	$-9.39 \cdot 10^{-12}$
E_0	$5.91 \cdot 10^{-7}$
E_1	$7.44 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.235

色码 (着色度)	
λ_{80}/λ_5	39/35
(*= λ_{70}/λ_5)	

备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	7.2
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	8.2
$T_g [^\circ C]$	583
$T_{10}^{13.0} [^\circ C]$	573
$T_{10}^{7.6} [^\circ C]$	714
$c_p [J/(g \cdot K)]$	0.760
$\lambda [W/(m \cdot K)]$	1.040
$\rho [g/cm^3]$	2.79
$E [10^3 N/mm^2]$	82
μ	0.226
$K [10^{-6} mm^2/N]$	2.73
$HK_{0.1/20}$	560
HG	2
B	1
CR	1
FR	0
SR	1
AR	1
PR	1

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.4	3.2	4.1	0.3	1.1	1.9
+20/ +40	2.4	3.4	4.4	1.0	2.0	3.0
+60/ +80	2.5	3.6	4.8	1.5	2.5	3.7

N-LAF3 717480.414

$n_d = 1.71700$	$v_d = 47.96$	$n_F - n_C = 0.014950$
$n_e = 1.72055$	$v_e = 47.68$	$n_{F'} - n_{C'} = 0.015112$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.68061
$n_{1970.1}$	1970.1	1.68653
$n_{1529.6}$	1529.6	1.69297
$n_{1060.0}$	1060.0	1.70017
n_t	1014.0	1.70105
n_s	852.1	1.70485
n_r	706.5	1.71001
n_C	656.3	1.71252
$n_{C'}$	643.8	1.71323
$n_{632.8}$	632.8	1.71389
n_D	589.3	1.71687
n_d	587.6	1.71700
n_e	546.1	1.72055
n_F	486.1	1.72747
$n_{F'}$	480.0	1.72834
n_g	435.8	1.73585
n_h	404.7	1.74293
n_i	365.0	1.75530
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

色散公式常数	
B_1	1.73155854
B_2	0.150874455
B_3	1.06586596
C_1	0.00953833914
C_2	0.0407887211
C_3	98.0758545

dn/dT 计算公式常数	
D_0	$-2.35 \cdot 10^{-6}$
D_1	$1.07 \cdot 10^{-8}$
D_2	$-9.38 \cdot 10^{-12}$
E_0	$5.72 \cdot 10^{-7}$
E_1	$6.01 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.22

折射率温度系数						
	$\Delta n_{rel} / \Delta T [10^{-6} / K]$			$\Delta n_{abs} / \Delta T [10^{-6} / K]$		
[°C]	1060.0	e	g	1060.0	e	g
-40/ -20	0.6	1.5	2.5	-1.7	-0.8	0.1
+20/ +40	0.6	1.6	2.7	-0.9	0.1	1.2
+60/ +80	0.7	1.8	3.0	-0.4	0.7	1.8

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.626	0.310
2325	0.804	0.580
1970	0.950	0.880
1530	0.992	0.980
1060	0.997	0.993
700	0.997	0.993
660	0.997	0.993
620	0.997	0.993
580	0.997	0.993
546	0.997	0.993
500	0.994	0.985
460	0.987	0.968
436	0.982	0.955
420	0.976	0.940
405	0.963	0.910
400	0.954	0.890
390	0.928	0.830
380	0.877	0.720
370	0.782	0.540
365	0.707	0.420
350	0.314	0.060
334	0.006	
320		
310		
300		
290		
280		
270		
260		
250		

色码 (着色度)	
λ_{80} / λ_5	39/34
(*= λ_{70} / λ_5)	

备注	
inquiry glass	

相对部分色散	
$P_{s,t}$	0.2538
$P_{C,s}$	0.5132
$P_{d,C}$	0.2994
$P_{e,d}$	0.2379
$P_{g,F}$	0.5603
$P_{i,h}$	0.8274
$P'_{s,t}$	0.2511
$P'_{C,s}$	0.5545
$P'_{d,C'}$	0.2494
$P'_{e,d}$	0.2353
$P'_{g,F'}$	0.4967
$P'_{i,h}$	0.8185

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0054
$\Delta P_{C,s}$	-0.0015
$\Delta P_{F,e}$	-0.0005
$\Delta P_{g,F}$	-0.0028
$\Delta P_{i,g}$	-0.0210

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6} / K]$	7.6
$\alpha_{+20/+300^\circ C} [10^{-6} / K]$	8.7
$T_g [^\circ C]$	646
$T_{10}^{13.0} [^\circ C]$	640
$T_{10}^{7.6} [^\circ C]$	740
$c_p [J/(g \cdot K)]$	
$\lambda [W/(m \cdot K)]$	
$\rho [g/cm^3]$	4.14
$E [10^3 N/mm^2]$	95
μ	0.286
$K [10^{-6} mm^2/N]$	1.53
$HK_{0.1/20}$	580
HG	5
B	1
CR	2
FR	3
SR	52.3
AR	1.2
PR	3.3

N-PSK53 620635.360

$n_d = 1.62014$	$v_d = 63.48$	$n_F - n_C = 0.009769$
$n_e = 1.62247$	$v_e = 63.19$	$n_{F'} - n_{C'} = 0.009851$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.59216
$n_{1970.1}$	1970.1	1.59732
$n_{1529.6}$	1529.6	1.60280
$n_{1060.0}$	1060.0	1.60851
n_t	1014.0	1.60917
n_s	852.1	1.61191
n_r	706.5	1.61547
n_C	656.3	1.61717
$n_{C'}$	643.8	1.61764
$n_{632.8}$	632.8	1.61808
n_D	589.3	1.62005
n_d	587.6	1.62014
n_e	546.1	1.62247
n_F	486.1	1.62694
$n_{F'}$	480.0	1.62749
n_g	435.8	1.63223
n_h	404.7	1.63662
n_i	365.0	1.64409
$n_{334.1}$	334.1	1.65211
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.609	0.290
2325	0.764	0.510
1970	0.915	0.800
1530	0.982	0.956
1060	0.998	0.994
700	0.998	0.994
660	0.997	0.993
620	0.997	0.992
580	0.998	0.994
546	0.998	0.995
500	0.997	0.992
460	0.994	0.986
436	0.993	0.982
420	0.992	0.979
405	0.988	0.970
400	0.985	0.964
390	0.976	0.940
380	0.959	0.900
370	0.928	0.830
365	0.905	0.780
350	0.776	0.530
334	0.525	0.200
320	0.230	0.030
310	0.061	
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2803
$P_{C,s}$	0.5384
$P_{d,C}$	0.3045
$P_{e,d}$	0.2385
$P_{g,F}$	0.5423
$P_{i,h}$	0.7641
$P'_{s,t}$	0.2779
$P'_{C',s}$	0.5820
$P'_{d,C'}$	0.2538
$P'_{e,d}$	0.2365
$P'_{g,F'}$	0.4814
$P'_{i,h}$	0.7577

色散公式常数	
B_1	1.3434087
B_2	0.241417935
B_3	0.952896897
C_1	0.00675074317
C_2	0.0219910513
C_3	103.551457

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0274
$\Delta P_{C,s}$	-0.0125
$\Delta P_{F,e}$	0.0020
$\Delta P_{g,F}$	0.0053
$\Delta P_{i,g}$	0.0214

dn/dT 计算公式常数	
D_0	$-9.29 \cdot 10^{-6}$
D_1	$5.78 \cdot 10^{-9}$
D_2	$8.87 \cdot 10^{-13}$
E_0	$4.59 \cdot 10^{-7}$
E_1	$5.86 \cdot 10^{-10}$
$\lambda_{TK}[\mu m]$	0.155

色码 (着色度)	
λ_{80}/λ_5	36/31
(* = λ_{70}/λ_5)	

备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	9.4
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	10.9
$T_g [^\circ C]$	618
$T_{10}^{13.0} [^\circ C]$	606
$T_{10}^{7.6} [^\circ C]$	709
$c_p [J/(g \cdot K)]$	
$\lambda [W/(m \cdot K)]$	
$\rho [g/cm^3]$	3.60
$E [10^3 N/mm^2]$	78
μ	0.288
$K [10^{-6} mm^2/N]$	1.16
$HK_{0.1/20}$	440
HG	6
B	1
CR	2
FR	1
SR	52.3
AR	1.2
PR	4.3

折射率温度系数						
	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
$[^\circ C]$	1060.0	e	g	1060.0	e	g
-40/ -20	-2.5	-2.0	-1.5	-4.7	-4.2	-3.8
+20/ +40	-2.9	-2.3	-1.8	-4.3	-3.8	-3.2
+60/ +80	-3.0	-2.3	-1.7	-4.1	-3.4	-2.8

N-SF19 667331.290

$n_d = 1.66679$	$v_d = 33.12$	$n_F - n_C = 0.020131$
$n_e = 1.67154$	$v_e = 32.86$	$n_{F'} - n_{C'} = 0.020435$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.62384
$n_{1970.1}$	1970.1	1.63018
$n_{1529.6}$	1529.6	1.63723
$n_{1060.0}$	1060.0	1.64552
n_t	1014.0	1.64657
n_s	852.1	1.65120
n_r	706.5	1.65769
n_C	656.3	1.66092
$n_{C'}$	643.8	1.66184
$n_{632.8}$	632.8	1.66271
n_D	589.3	1.66661
n_d	587.6	1.66679
n_e	546.1	1.67154
n_F	486.1	1.68106
$n_{F'}$	480.0	1.68228
n_g	435.8	1.69309
n_h	404.7	1.70377
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.720	0.440
2325	0.826	0.620
1970	0.954	0.890
1530	0.988	0.970
1060	0.996	0.989
700	0.994	0.985
660	0.992	0.980
620	0.991	0.978
580	0.992	0.980
546	0.991	0.977
500	0.984	0.960
460	0.974	0.937
436	0.965	0.915
420	0.950	0.880
405	0.919	0.810
400	0.901	0.770
390	0.826	0.620
380	0.642	0.330
370	0.302	0.050
365	0.130	
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2299
$P_{C,s}$	0.4831
$P_{d,C}$	0.2913
$P_{e,d}$	0.2362
$P_{g,F}$	0.5976
$P_{i,h}$	
$P'_{s,t}$	0.2265
$P'_{C',s}$	0.5208
$P'_{d,C'}$	0.2421
$P'_{e,d}$	0.2327
$P'_{g,F'}$	0.5289
$P'_{i,h}$	

色散公式常数	
B_1	1.52005444
B_2	0.17573947
B_3	1.43623424
C_1	0.01096144
C_2	0.0593248486
C_3	126.795151

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0109
$\Delta P_{C,s}$	0.0030
$\Delta P_{F,e}$	0.0015
$\Delta P_{g,F}$	0.0095
$\Delta P_{i,g}$	

dn/dT 计算公式常数	
D_0	$1.32 \cdot 10^{-6}$
D_1	$1.22 \cdot 10^{-8}$
D_2	$-1.36 \cdot 10^{-11}$
E_0	$7.64 \cdot 10^{-7}$
E_1	$1.09 \cdot 10^{-9}$
$\lambda_{TK} [\mu m]$	0.279

色码 (着色度)	
λ_{80}/λ_5	40/36
(*= λ_{70}/λ_5)	

备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	7.2
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	8.3
$T_g [^\circ C]$	598
$T_{10}^{13.0} [^\circ C]$	585
$T_{10}^{7.6} [^\circ C]$	707
$c_p [J/(g \cdot K)]$	0.750
$\lambda [W/(m \cdot K)]$	1.020
$\rho [g/cm^3]$	2.90
$E [10^3 N/mm^2]$	88
μ	0.231
$K [10^{-6} mm^2/N]$	2.93
$HK_{0.1/20}$	630
HG	3
B	1
CR	1
FR	0
SR	1
AR	1.2
PR	1

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.5	3.9	5.5	0.3	1.6	3.2
+20/ +40	2.6	4.2	6.2	1.2	2.7	4.7
+60/ +80	2.8	4.6	6.8	1.7	3.4	5.6

N-SF56 785261.328

$n_d = 1.78470$	$v_d = 26.10$	$n_F - n_C = 0.030071$
$n_e = 1.79179$	$v_e = 25.89$	$n_{F'} - n_{C'} = 0.030587$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.73010
$n_{1970.1}$	1970.1	1.73664
$n_{1529.6}$	1529.6	1.74431
$n_{1060.0}$	1060.0	1.75442
n_t	1014.0	1.75581
n_s	852.1	1.76213
n_r	706.5	1.77137
n_C	656.3	1.77607
$n_{C'}$	643.8	1.77741
$n_{632.8}$	632.8	1.77868
n_D	589.3	1.78444
n_d	587.6	1.78470
n_e	546.1	1.79179
n_F	486.1	1.80614
$n_{F'}$	480.0	1.80800
n_g	435.8	1.82460
n_h	404.7	1.84126
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

色散公式常数	
B_1	1.73562085
B_2	0.317487012
B_3	1.95398203
C_1	0.0129624742
C_2	0.0612884288
C_3	161.559441

dn/dT 计算公式常数	
D_0	$-4.13 \cdot 10^{-6}$
D_1	$7.65 \cdot 10^{-9}$
D_2	$-1.12 \cdot 10^{-11}$
E_0	$9.90 \cdot 10^{-7}$
E_1	$1.57 \cdot 10^{-9}$
$\lambda_{TK} [\mu m]$	0.287

折射率温度系数						
	$\Delta n_{rel} / \Delta T [10^{-6} / K]$			$\Delta n_{abs} / \Delta T [10^{-6} / K]$		
[°C]	1060.0	e	g	1060.0	e	g
-40/ -20	-0.1	1.7	4.3	-2.5	-0.7	1.8
+20/ +40	-0.3	2.0	5.1	-1.8	0.5	3.5
+60/ +80	-0.2	2.4	5.9	-1.4	1.2	4.6

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.810	0.590
2325	0.857	0.680
1970	0.959	0.900
1530	0.992	0.981
1060	0.998	0.996
700	0.994	0.986
660	0.992	0.981
620	0.992	0.981
580	0.993	0.983
546	0.990	0.976
500	0.980	0.950
460	0.963	0.910
436	0.941	0.860
420	0.905	0.780
405	0.837	0.640
400	0.799	0.570
390	0.672	0.370
380	0.442	0.130
370	0.109	
365	0.020	
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

色码 (着色度)	
λ_{80} / λ_5	44/37
(*= λ_{70} / λ_5)	

备注	
inquiry glass	

相对部分色散	
$P_{s,t}$	0.2101
$P_{C,s}$	0.4635
$P_{d,C}$	0.2872
$P_{e,d}$	0.2356
$P_{g,F}$	0.6139
$P_{i,h}$	
$P'_{s,t}$	0.2065
$P'_{C',s}$	0.4996
$P'_{d,C'}$	0.2384
$P'_{e,d}$	0.2316
$P'_{g,F'}$	0.5427
$P'_{i,h}$	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0048
$\Delta P_{C,s}$	-0.0002
$\Delta P_{F,e}$	0.0026
$\Delta P_{g,F}$	0.0140
$\Delta P_{i,g}$	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6} / K]$	8.7
$\alpha_{+20/+300^\circ C} [10^{-6} / K]$	10.0
$T_g [^\circ C]$	592
$T_{10}^{13.0} [^\circ C]$	585
$T_{10}^{7.6} [^\circ C]$	691
$c_p [J/(g \cdot K)]$	0.700
$\lambda [W/(m \cdot K)]$	0.940
$\rho [g/cm^3]$	3.28
$E [10^3 N/mm^2]$	91
μ	0.255
$K [10^{-6} mm^2/N]$	2.87
$HK_{0.1/20}$	560
HG	5
B	1
CR	1
FR	0
SR	1
AR	1.3
PR	1

N-SF64 706302.299

$n_d = 1.70591$	$v_d = 30.23$	$n_F - n_C = 0.023350$
$n_e = 1.71142$	$v_e = 29.99$	$n_{F'} - n_{C'} = 0.023720$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.65993
$n_{1970.1}$	1970.1	1.66607
$n_{1529.6}$	1529.6	1.67306
$n_{1060.0}$	1060.0	1.68176
n_t	1014.0	1.68291
n_s	852.1	1.68806
n_r	706.5	1.69544
n_C	656.3	1.69914
$n_{C'}$	643.8	1.70020
$n_{632.8}$	632.8	1.70119
n_D	589.3	1.70571
n_d	587.6	1.70591
n_e	546.1	1.71142
n_F	486.1	1.72249
$n_{F'}$	480.0	1.72392
n_g	435.8	1.73657
n_h	404.7	1.74912
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.770	0.520
2325	0.837	0.640
1970	0.950	0.880
1530	0.992	0.979
1060	0.998	0.996
700	0.994	0.985
660	0.992	0.980
620	0.992	0.981
580	0.994	0.984
546	0.993	0.982
500	0.984	0.961
460	0.971	0.930
436	0.957	0.895
420	0.934	0.843
405	0.882	0.730
400	0.852	0.670
390	0.746	0.480
380	0.546	0.220
370	0.209	0.020
365	0.078	
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2204
$P_{C,s}$	0.4746
$P_{d,C}$	0.2898
$P_{e,d}$	0.2361
$P_{g,F}$	0.6028
$P_{i,h}$	
$P'_{s,t}$	0.2169
$P'_{C',s}$	0.5117
$P'_{d,C'}$	0.2407
$P'_{e,d}$	0.2324
$P'_{g,F'}$	0.5333
$P'_{i,h}$	

色散公式常数	
B_1	1.59163762
B_2	0.219908428
B_3	1.46929315
C_1	0.0118623434
C_2	0.0594585499
C_3	133.310762

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0066
$\Delta P_{C,s}$	0.0012
$\Delta P_{F,e}$	0.0017
$\Delta P_{g,F}$	0.0099
$\Delta P_{i,g}$	

dn/dT 计算公式常数	
D_0	$-2.06 \cdot 10^{-6}$
D_1	$9.78 \cdot 10^{-9}$
D_2	$-1.67 \cdot 10^{-11}$
E_0	$8.67 \cdot 10^{-7}$
E_1	$1.23 \cdot 10^{-9}$
$\lambda_{TK} [\mu m]$	0.279

色码 (着色度)	
λ_{80}/λ_5	42/37
(*= λ_{70}/λ_5)	

备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	8.5
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	9.8
$T_g [^\circ C]$	572
$T_{10}^{13.0} [^\circ C]$	576
$T_{10}^{7.6} [^\circ C]$	688
$c_p [J/(g \cdot K)]$	0.750
$\lambda [W/(m \cdot K)]$	0.980
$\rho [g/cm^3]$	2.99
$E [10^3 N/mm^2]$	88
μ	0.245
$K [10^{-6} mm^2/N]$	2.95
$HK_{0.1/20}$	620
HG	4
B	1
CR	1
FR	0
SR	1
AR	1.2
PR	1

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	0.9	2.4	4.4	-1.3	0.1	2.0
+20/ +40	0.9	2.7	5.1	-0.6	1.2	3.5
+60/ +80	1.0	3.0	5.6	-0.1	1.9	4.4

N-SK10 623570.364

$n_d = 1.62278$	$v_d = 56.98$	$n_F - n_C = 0.010929$
$n_e = 1.62539$	$v_e = 56.70$	$n_{F'} - n_{C'} = 0.011029$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.59310
$n_{1970.1}$	1970.1	1.59837
$n_{1529.6}$	1529.6	1.60400
$n_{1060.0}$	1060.0	1.61000
n_t	1014.0	1.61071
n_s	852.1	1.61367
n_r	706.5	1.61759
n_C	656.3	1.61947
$n_{C'}$	643.8	1.62000
$n_{632.8}$	632.8	1.62049
n_D	589.3	1.62268
n_d	587.6	1.62278
n_e	546.1	1.62539
n_F	486.1	1.63040
$n_{F'}$	480.0	1.63102
n_g	435.8	1.63638
n_h	404.7	1.64137
n_i	365.0	1.64989
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.733	0.460
2325	0.852	0.670
1970	0.967	0.920
1530	0.992	0.980
1060	0.998	0.994
700	0.998	0.995
660	0.997	0.993
620	0.998	0.994
580	0.998	0.996
546	0.998	0.996
500	0.998	0.995
460	0.996	0.990
436	0.995	0.987
420	0.994	0.985
405	0.990	0.975
400	0.988	0.970
390	0.980	0.950
380	0.963	0.910
370	0.933	0.840
365	0.910	0.790
350	0.770	0.520
334	0.414	0.110
320	0.068	
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2714
$P_{C,s}$	0.5302
$P_{d,C}$	0.3029
$P_{e,d}$	0.2384
$P_{g,F}$	0.5474
$P_{i,h}$	0.7803
$P'_{s,t}$	0.2689
$P'_{C',s}$	0.5731
$P'_{d,C'}$	0.2525
$P'_{e,d}$	0.2362
$P'_{g,F'}$	0.4857
$P'_{i,h}$	0.7732

色散公式常数	
B_1	1.34972093
B_2	0.238587973
B_3	0.9667336
C_1	0.00736272269
C_2	0.0253765327
C_3	103.502909

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0137
$\Delta P_{C,s}$	-0.0055
$\Delta P_{F,e}$	0.0003
$\Delta P_{g,F}$	-0.0005
$\Delta P_{i,g}$	-0.0103

dn/dT 计算公式常数	
D_0	$5.05 \cdot 10^{-7}$
D_1	$1.16 \cdot 10^{-8}$
D_2	$-1.53 \cdot 10^{-11}$
E_0	$4.90 \cdot 10^{-7}$
E_1	$5.10 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.183

色码 (着色度)	
λ_{80}/λ_5	36/32
(* = λ_{70}/λ_5)	

备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	6.8
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	7.8
$T_g [^\circ C]$	633
$T_{10}^{13.0} [^\circ C]$	635
$T_{10}^{7.6} [^\circ C]$	758
$c_p [J/(g \cdot K)]$	0.540
$\lambda [W/(m \cdot K)]$	0.770
$\rho [g/cm^3]$	3.64
$E [10^3 N/mm^2]$	81
μ	0.266
$K [10^{-6} mm^2/N]$	2.25
$HK_{0.1/20}$	550
HG	3
B	1
CR	3
FR	3
SR	52.2
AR	2
PR	2.2

折射率温度系数						
[°C]	$\Delta n_{rel} / \Delta T [10^{-6}/K]$			$\Delta n_{abs} / \Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.0	2.7	3.3	-0.2	0.4	1.0
+20/ +40	2.0	2.7	3.5	0.6	1.3	2.0
+60/ +80	2.1	2.9	3.7	1.0	1.8	2.6

N-SK15 623580.362

$n_d = 1.62296$	$v_d = 58.02$	$n_F - n_C = 0.010737$
$n_e = 1.62552$	$v_e = 57.75$	$n_{F'} - n_{C'} = 0.010832$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.59268
$n_{1970.1}$	1970.1	1.59822
$n_{1529.6}$	1529.6	1.60411
$n_{1060.0}$	1060.0	1.61027
n_t	1014.0	1.61098
n_s	852.1	1.61396
n_r	706.5	1.61785
n_C	656.3	1.61970
$n_{C'}$	643.8	1.62022
$n_{632.8}$	632.8	1.62070
n_D	589.3	1.62286
n_d	587.6	1.62296
n_e	546.1	1.62552
n_F	486.1	1.63044
$n_{F'}$	480.0	1.63105
n_g	435.8	1.63629
n_h	404.7	1.64116
n_i	365.0	1.64947
$n_{334.1}$	334.1	1.65846
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.672	0.370
2325	0.826	0.620
1970	0.959	0.900
1530	0.990	0.975
1060	0.996	0.991
700	0.998	0.994
660	0.997	0.992
620	0.997	0.992
580	0.997	0.993
546	0.997	0.993
500	0.996	0.990
460	0.993	0.982
436	0.991	0.978
420	0.990	0.974
405	0.986	0.966
400	0.984	0.960
390	0.976	0.941
380	0.963	0.910
370	0.937	0.850
365	0.915	0.800
350	0.795	0.563
334	0.504	0.180
320	0.144	
310	0.010	
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2770
$P_{C,s}$	0.5348
$P_{d,C}$	0.3036
$P_{e,d}$	0.2384
$P_{g,F}$	0.5453
$P_{i,h}$	0.7742
$P'_{s,t}$	0.2746
$P'_{C',s}$	0.5780
$P'_{d,C'}$	0.2531
$P'_{e,d}$	0.2363
$P'_{g,F'}$	0.4840
$P'_{i,h}$	0.7674

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0084
$\Delta P_{C,s}$	-0.0033
$\Delta P_{F,e}$	0.0001
$\Delta P_{g,F}$	-0.0009
$\Delta P_{i,g}$	-0.0102

色散公式常数	
B_1	1.30417786
B_2	0.28584116
B_3	0.974781572
C_1	0.00695051276
C_2	0.0232023703
C_3	99.016884

dn/dT 计算公式常数	
D_0	$4.92 \cdot 10^{-7}$
D_1	$1.20 \cdot 10^{-8}$
D_2	$-2.96 \cdot 10^{-12}$
E_0	$4.66 \cdot 10^{-7}$
E_1	$5.16 \cdot 10^{-10}$
$\lambda_{TK} [\mu m]$	0.179

色码 (着色度)	
λ_{80}/λ_5	36/31
(*= λ_{70}/λ_5)	

备注	
inquiry glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	6.7
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	7.6
$T_g [^\circ C]$	641
$T_{10}^{13.0} [^\circ C]$	634
$T_{10}^{7.6} [^\circ C]$	752
$c_p [J/(g \cdot K)]$	0.570
$\lambda [W/(m \cdot K)]$	0.770
$\rho [g/cm^3]$	3.62
$E [10^3 N/mm^2]$	84
μ	0.265
$K [10^{-6} mm^2/N]$	1.93
$HK_{0.1/20}$	620
HG	3
B	1
CR	3
FR	3
SR	52.2
AR	2
PR	3.2

折射率温度系数						
[°C]	$\Delta n_{rel} / \Delta T [10^{-6}/K]$			$\Delta n_{abs} / \Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	2.0	2.6	3.2	-0.2	0.4	1.0
+20/ +40	2.0	2.7	3.4	0.6	1.3	1.9
+60/ +80	2.1	2.9	3.7	1.1	1.8	2.5

SF6G05 809253.520

$n_d = 1.80906$	$v_d = 25.28$	$n_F - n_C = 0.032015$
$n_e = 1.81661$	$v_e = 25.08$	$n_{F'} - n_{C'} = 0.032570$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.75661
$n_{1970.1}$	1970.1	1.76163
$n_{1529.6}$	1529.6	1.76797
$n_{1060.0}$	1060.0	1.77741
n_t	1014.0	1.77879
n_s	852.1	1.78524
n_r	706.5	1.79491
n_C	656.3	1.79988
$n_{C'}$	643.8	1.80131
$n_{632.8}$	632.8	1.80265
n_D	589.3	1.80878
n_d	587.6	1.80906
n_e	546.1	1.81661
n_F	486.1	1.83190
$n_{F'}$	480.0	1.83387
n_g	435.8	
n_h	404.7	
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.847	0.660
2325	0.877	0.721
1970	0.965	0.915
1530	0.995	0.987
1060	0.998	0.994
700	0.985	0.962
660	0.980	0.950
620	0.972	0.931
580	0.958	0.898
546	0.917	0.805
500	0.642	0.330
460	0.090	0.080
436		
420		
405		
400		
390		
380		
370		
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2013
$P_{C,s}$	0.4574
$P_{d,C}$	0.2866
$P_{e,d}$	0.2358
$P_{g,F}$	0.6121
$P_{i,h}$	
$P'_{s,t}$	0.1979
$P'_{C',s}$	0.4933
$P'_{d,C'}$	0.2380
$P'_{e,d}$	0.2318
$P'_{g,F'}$	0.0000
$P'_{i,h}$	

色散公式常数	
B_1	1.62113942
B_2	0.506586092
B_3	10.4032298
C_1	0.0113478992
C_2	0.0535840223
C_3	1118.83658

色码 (着色度)	
λ_{80}/λ_5	52/46*
(* = λ_{70}/λ_5)	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	-0.0062
$\Delta P_{C,s}$	-0.0044
$\Delta P_{F,e}$	0.0025
$\Delta P_{g,F}$	0.1080
$\Delta P_{i,g}$	

dn/dT 计算公式常数	
D_0	$6.90 \cdot 10^{-6}$
D_1	$1.76 \cdot 10^{-8}$
D_2	$-3.17 \cdot 10^{-11}$
E_0	$1.89 \cdot 10^{-6}$
E_1	$1.50 \cdot 10^{-9}$
$\lambda_{TK}[\mu m]$	0.256

备注	
radiation resistant glass	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	7.8
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	
$T_g [^\circ C]$	427
$T_{10}^{13.0} [^\circ C]$	0
$T_{10}^{7.6} [^\circ C]$	529
$c_p [J/(g \cdot K)]$	
$\lambda [W/(m \cdot K)]$	
$\rho [g/cm^3]$	5.20
$E [10^3 N/mm^2]$	
μ	
$K [10^{-6} mm^2/N]$	
$HK_{0.1/20}$	360
HG	
B	1
CR	4
FR	3
SR	51.3
AR	2.3
PR	3.3

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	6.4	10.3		4.0	7.8	
+20/ +40	7.0	11.4		5.5	9.8	
+60/ +80	7.5	12.1		6.3	10.9	

SFL6 805254.337

$n_d = 1.80518$	$v_d = 25.39$	$n_F - n_C = 0.031708$
$n_e = 1.81265$	$v_e = 25.19$	$n_{F'} - n_{C'} = 0.032260$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.74897
$n_{1970.1}$	1970.1	1.75544
$n_{1529.6}$	1529.6	1.76311
$n_{1060.0}$	1060.0	1.77345
n_t	1014.0	1.77489
n_s	852.1	1.78147
n_r	706.5	1.79116
n_C	656.3	1.79609
$n_{C'}$	643.8	1.79751
$n_{632.8}$	632.8	1.79884
n_D	589.3	1.80491
n_d	587.6	1.80518
n_e	546.1	1.81265
n_F	486.1	1.82780
$n_{F'}$	480.0	1.82977
n_g	435.8	1.84733
n_h	404.7	1.86500
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500		
2325	0.930	0.840
1970	0.980	0.950
1530	0.998	0.995
1060	0.995	0.988
700	0.996	0.989
660	0.995	0.988
620	0.993	0.983
580	0.992	0.980
546	0.988	0.970
500	0.976	0.940
460	0.959	0.900
436	0.940	0.860
420	0.920	0.810
405	0.880	0.720
400	0.850	0.670
390	0.770	0.520
380	0.570	0.250
370	0.210	0.020
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2075
$P_{C,s}$	0.4611
$P_{d,C}$	0.2867
$P_{e,d}$	0.2355
$P_{g,F}$	0.6159
$P_{i,h}$	
$P'_{s,t}$	0.2040
$P'_{C',s}$	0.4970
$P'_{d,C'}$	0.2380
$P'_{e,d}$	0.2315
$P'_{g,F'}$	0.5444
$P'_{i,h}$	

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0032
$\Delta P_{C,s}$	-0.0010
$\Delta P_{F,e}$	0.0027
$\Delta P_{g,F}$	0.0148
$\Delta P_{i,g}$	

色散公式常数	
B_1	1.78922056
B_2	0.328427448
B_3	2.01639441
C_1	0.0135163537
C_2	0.0622729599
C_3	168.014713

其他性能说明	
$\alpha_{-30/+70^\circ\text{C}} [10^{-6}/\text{K}]$	9.0
$\alpha_{+20/+300^\circ\text{C}} [10^{-6}/\text{K}]$	10.3
$T_g [^\circ\text{C}]$	585
$T_{10}^{13.0} [^\circ\text{C}]$	592
$T_{10}^{7.6} [^\circ\text{C}]$	0
$c_p [\text{J}/(\text{g}\cdot\text{K})]$	
$\lambda [\text{W}/(\text{m}\cdot\text{K})]$	
$\rho [\text{g}/\text{cm}^3]$	3.37
$E [10^3 \text{N}/\text{mm}^2]$	93
μ	0.260
$K [10^{-6} \text{mm}^2/\text{N}]$	2.79
$\text{HK}_{0.1/20}$	570
HG	
B	0
CR	1
FR	0
SR	2
AR	1
PR	1

dn/dT 计算公式常数	
D_0	$-5.26 \cdot 10^{-6}$
D_1	$7.41 \cdot 10^{-9}$
D_2	$-1.89 \cdot 10^{-11}$
E_0	$1.02 \cdot 10^{-6}$
E_1	$1.62 \cdot 10^{-9}$
$\lambda_{TK} [\mu\text{m}]$	0.288

色码 (着色度)	
λ_{80}/λ_5	45/37
(*= λ_{70}/λ_5)	
备注	
inquiry glass	

折射率温度系数						
[°C]	$\Delta n_{\text{rel}}/\Delta T [10^{-6}/\text{K}]$			$\Delta n_{\text{abs}}/\Delta T [10^{-6}/\text{K}]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	-0.8	1.1	3.8	-3.2	-1.4	1.2
+20/ +40	-1.0	1.4	4.7	-2.5	-0.1	3.1
+60/ +80	-0.9	1.8	5.4	-2.1	0.5	4.2

SFL57 847236.355

$n_d = 1.84666$	$v_d = 23.62$	$n_F - n_C = 0.035841$
$n_e = 1.85510$	$v_e = 23.43$	$n_{F'} - n_{C'} = 0.036489$

折射率		
	λ [nm]	
$n_{2325.4}$	2325.4	1.78487
$n_{1970.1}$	1970.1	1.79171
$n_{1529.6}$	1529.6	1.79989
$n_{1060.0}$	1060.0	1.81117
n_t	1014.0	1.81276
n_s	852.1	1.82007
n_r	706.5	1.83089
n_C	656.3	1.83643
$n_{C'}$	643.8	1.83802
$n_{632.8}$	632.8	1.83952
n_D	589.3	1.84635
n_d	587.6	1.84666
n_e	546.1	1.85510
n_F	486.1	1.87227
$n_{F'}$	480.0	1.87451
n_g	435.8	1.89456
n_h	404.7	1.91488
n_i	365.0	
$n_{334.1}$	334.1	
$n_{312.6}$	312.6	
$n_{296.7}$	296.7	
$n_{280.4}$	280.4	
$n_{248.3}$	248.3	

内部透过率 τ_i		
λ [nm]	τ_i (10mm)	τ_i (25mm)
2500	0.882	0.730
2325	0.910	0.790
1970	0.984	0.960
1530	0.996	0.990
1060	0.996	0.991
700	0.990	0.976
660	0.987	0.969
620	0.988	0.971
580	0.988	0.971
546	0.982	0.955
500	0.954	0.890
460	0.915	0.800
436	0.852	0.670
420	0.770	0.520
405	0.609	0.290
400	0.525	0.200
390	0.260	0.030
380	0.050	
370		
365		
350		
334		
320		
310		
300		
290		
280		
270		
260		
250		

相对部分色散	
$P_{s,t}$	0.2038
$P_{C,s}$	0.4566
$P_{d,C}$	0.2855
$P_{e,d}$	0.2353
$P_{g,F}$	0.6218
$P_{i,h}$	
$P'_{s,t}$	0.2002
$P'_{C',s}$	0.4920
$P'_{d,C'}$	0.2369
$P'_{e,d}$	0.2311
$P'_{g,F'}$	0.5495
$P'_{i,h}$	

色散公式常数	
B_1	1.88742326
B_2	0.360534025
B_3	2.26189313
C_1	0.0145939341
C_2	0.0648198946
C_3	176.062211

相对部分色散对“常规线”的偏离	
$\Delta P_{C,t}$	0.0034
$\Delta P_{C,s}$	-0.0014
$\Delta P_{F,e}$	0.0033
$\Delta P_{g,F}$	0.0177
$\Delta P_{i,g}$	

dn/dT 计算公式常数	
D_0	$-3.63 \cdot 10^{-6}$
D_1	$8.61 \cdot 10^{-9}$
D_2	$-9.98 \cdot 10^{-12}$
E_0	$1.10 \cdot 10^{-6}$
E_1	$1.69 \cdot 10^{-9}$
$\lambda_{TK} [\mu m]$	0.293

色码 (着色度)	
λ_{80}/λ_5	44/38*
(*= λ_{70}/λ_5)	

备注	
inquiry glass. 含铅玻璃	

其他性能说明	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	8.7
$\alpha_{+20/+300^\circ C} [10^{-6}/K]$	10.0
$T_g [^\circ C]$	598
$T_{10}^{13.0} [^\circ C]$	0
$T_{10}^{7.6} [^\circ C]$	700
$c_p [J/(g \cdot K)]$	0.670
$\lambda [W/(m \cdot K)]$	0.997
$\rho [g/cm^3]$	3.55
$E [10^3 N/mm^2]$	97
μ	0.261
$K [10^{-6} mm^2/N]$	2.73
$HK_{0.1/20}$	580
HG	3
B	1
CR	1
FR	0
SR	1.3
AR	1
PR	1.3

折射率温度系数						
[°C]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	1060.0	e	g	1060.0	e	g
-40/ -20	0.1	2.4	5.6	-2.3	-0.1	3.0
+20/ +40	0.1	2.9	6.8	-1.5	1.2	5.1
+60/ +80	0.2	3.3	7.7	-1.0	2.1	6.4

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