

FK3
464658.227

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

Refractive Indices		
	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	

Internal Transmittance 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		

Relative Partial Dispersion	
$P_{s,t}$	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

Deviation of Relative Partial Dispersions ΔP from the "Normal Line"	
$\Delta P_{C,t}$	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

Constants of Dispersion Formula	
B_1	0.973346627
B_2	0.146642231
B_3	0.679304225
C_1	0.00640795469
C_2	0.020565293
C_3	80.4965389

Constants of Dispersion dn/dT	
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

Color Code	
λ_{80}/λ_5	33/30
(*= λ_{70}/λ_5)	

Remarks	
inquiry glass	

Other Properties	
$\alpha_{-30/+70^\circ C} [10^{-6}/K]$	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	0
CR	2
FR	3
SR	52.4
AR	2
PR	1

Temperature Coefficients of Refractive Index						
[$^\circ C$]	$\Delta n_{rel}/\Delta T [10^{-6}/K]$			$\Delta n_{abs}/\Delta T [10^{-6}/K]$		
	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