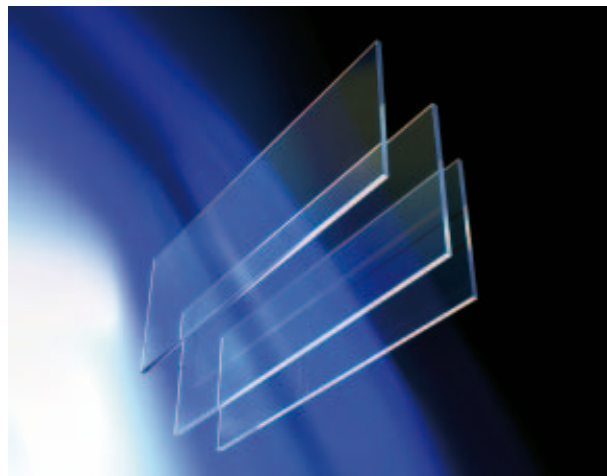


# MICROCROWN Flat Glass

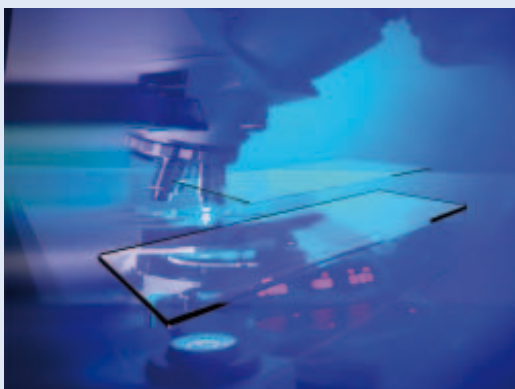
MICROCROWN up-drawn soda-lime glass has one of the lowest iron contents known in the market today.

It has a high luminous transmittance and an excellent colorless appearance. MICROCROWN is available as sheet glass in a thickness of 1.0 mm.

Its unique composition makes MICROCROWN the right choice for microscopic slides where low auto-fluorescence and excellent chemical resistance are required.



## Applications



### Microscopic slides

- High transmittance
- Colorless appearance
- Good cosmetic quality
- Easy to cut by scribe and break
- Excellent flatness
- Resistant to chemical attack
- Low auto-fluorescence
- Good wettability on both glass surfaces

## Technical Data

Dimensions	1560 mm x 560 mm
Thicknesses	1.0 mm, other thicknesses upon request
Luminous transmittance $\tau_{\text{vd65}}$ (d = 1.0 mm)	91.8 %
Coefficient of mean linear thermal expansion $\alpha$ (20 °C; 300 °C) (static measurement)	$9.4 \cdot 10^{-6} \text{ K}^{-1}$
Transformation temperature $T_g$	533 °C
Dielectric constant $\epsilon_r$ at 1MHz	7.0
Refractive index $n_D$	1.5229
Density $\rho$	2.55 g/cm <sup>3</sup>

For more information please contact:

Advanced Optics  
**SCHOTT AG**  
Hattenbergstrasse 10  
55122 Mainz  
Germany

Phone: +49 (0)6131/66-1812  
Fax: +49 (0)3641/2888-9047  
info.thinglass@schott.com  
www.schott.com/advanced\_optics

**SCHOTT**  
glass made of ideas