

Data Sheet LIBA 2000

Physical and chemical properties

Soda-Lime glass used for moulded lenses

Colour: colourless

Values with a grey background are guiding values

Glass composition:

SiO ₂ :	68%	CaO:	6,0 %	Ba ₂ O ₃ :	0,1 %
Na ₂ O:	11%	BaO:	3,7 %	Al ₂ O ₃ :	0,6 %
K ₂ O:	6%	ZnO:	2,7 %		

Physical and chemical data:

Specific gravity:	2,580 kg/m ³
Coefficient of thermal expansion (α):	$9,6 \pm 0,4 \times 10^{-6} \text{ K}^{-1}$
Refractive index (n_d):	$1,5215 \pm 0,0015$
Abbe value (v_d):	62,0
Hydrolytic resistance according to ISO 719:	HGB 3
Softening point (T_{soft}):	$680 \pm 10 \text{ }^\circ\text{C}$
Strain point (T_g):	$505 \pm 10 \text{ }^\circ\text{C}$

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