

Glass GS30

Technical Data

GlassType/Application	Transition glass. SCHOTT glass no. 8219		
Physical Data (approx. value)	Coefficient of mean linear thermal expansion		
	$\alpha(20^{\circ}\text{C}; 300^{\circ}\text{C})$ (ISO 7991)	3.05	10^{-6}K^{-1}
	Glass temperature at viscosity η in dPa · s		
	$10^{14.7}$ (strain point) (ISO 7884-4)	570	$^{\circ}\text{C}$
	10^{13} (annealing point) (ISO 7884-4)	635	$^{\circ}\text{C}$
	$10^{7.6}$ (softening point) (ISO 7884-3)	1055	$^{\circ}\text{C}$
	10^4 (working point) (ISO 7884-3)	1570	$^{\circ}\text{C}$
	Density (DIN 66137-2)	2.24	g/cm^3
	Log of the electric volume resistivity ($\Omega \cdot \text{cm}$)		
	at 250°C	10.8	
	at 350°C	9.1	
	t_{k100}	440	$^{\circ}\text{C}$
	The heavy metal content for the elements lead, cadmium, mercury and hexavalent chromium is below 100 ppm.		