



Glass PTFE 25%

Glass Polytetrafluoroethylene

25% Glass

Standard Colour: **White**

Properties	Unit	Din Standard	Value
Hardness	Shore D	ASTM D2240	≥60
Density	g/cm ²	ASTM D792	2.20-2.26
Elongation at break	%	ISO527	≥230
Tensile strength	N/mm ²	ISO527	≥17
Compressive strength at 1% deformation	N/mm ²	ASTM D695	8-9
Deformation under load at room temperature after 24h at 13.7 N/mm ²	%	ASTM D621	≤10
Permanent deformation as above after 24h of rest at room temperature	%	ASTM D621	≤6.5
Dynamic coefficient of friction		ASTM D1894 ASTM D3702	0.15-0.3
Wear factor K		ASTM D3702	0.015-0.030
Min service temperature	°C		-200
Max service temperature	°C		+260
Thermal expansion coefficient (linear) 25 -100°C	10 ⁻⁵ (mm/mm)/°C	Similar to ASTM D696	7.5-11
Volume resistivity	Ω* cm	ASTM D257	10 ¹⁵
Surface resistivity	Ω	ASTM D257	10 ¹⁵

The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice. Deviations from the values hereabove indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.