

**TEREZ POM 8005 GF25**

POM

Ter Plastics

Product Texts

25 % reinforced glass fibre standard grade.

Housing, functional and supporting elements at elevated temperature.

Rheological properties

Value

Unit

Test Standard

ISO Data

Melt flow index, MFI	4.5	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133

Mechanical properties

Value

Unit

Test Standard

ISO Data

Tensile Modulus	9300	MPa	ISO 527-1/-2
Tensile Strength	120	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4.5	kJ/m ²	ISO 179/1eA

Thermal properties

Value

Unit

Test Standard

ISO Data

Temp. of deflection under load (1.80 MPa)	160	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	160	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

Other properties

Value

Unit

Test Standard

ISO Data

Humidity absorption	0.17	%	Sim. to ISO 62
Density	1590	kg/m ³	ISO 1183