



<b>TEREZ POM 8005 GF25</b>			
POM		Ter Plastics	
<b>Product Texts</b>			
25 % reinforced glass fibre standard grade. Housing, functional and supporting elements at elevated temperature.			
<b>Rheological properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Melt flow index, MFI	4.5	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133
<b>Mechanical properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
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 <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
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
<b>Other properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Humidity absorption	0.17	%	Sim. to ISO 62
Density	1590	kg/m <sup>3</sup>	ISO 1183