



<b>TEREZ POM 8005 GF 20</b>			
POM		Ter Plastics	
<b>Product Texts</b>			
Standard grade 20% glass fibre reinforced. For moulding parts with higher stiffness and better mechanical strength.			
<b>Rheological properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	6.5	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>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	8000	MPa	ISO 527-1/-2
Tensile Strength	105	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	5.5	kJ/m <sup>2</sup>	ISO 179/1eA
Flexural modulus (23°C)	6600	MPa	ISO 178
<b>Thermal properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</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	155	°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>Test Standard</b>
<b>ISO Data</b>			
Water absorption	0.8	%	Sim. to ISO 62
Density	1550	kg/m <sup>3</sup>	ISO 1183