



<b>TEREZ POM 8005 GK 30</b>			
POM		Ter Plastics	
<b>Product Texts</b>			
Injection moulding grade, 30% glass beads reinforced. Suitable for injection moulding.			
<b>Rheological properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Melt flow index, MFI	7	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	4000	MPa	ISO 527-1/-2
Tensile Strength	45	MPa	ISO 527-1/-2
Strain at break	7	%	ISO 527-1/-2
Charpy impact strength (+23°C)	20	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	2	kJ/m <sup>2</sup>	ISO 179/1eA
Flexural modulus (23°C)	3700	MPa	ISO 178
<b>Thermal properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	125	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	155	°C	ISO 306
<b>Other properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Water absorption	0.8	%	Sim. to ISO 62
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1590	kg/m <sup>3</sup>	ISO 1183