



<b>TEREZ POM 8705</b>			
POM			Ter Plastics
<b>Product Texts</b>			
Standard type with medium viscosity, high impact strength and high damping capacity. For injection moulding grades.			
<b>Rheological properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	8	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	1600	MPa	ISO 527-1/-2
Yield stress	40	MPa	ISO 527-1/-2
Yield strain	15	%	ISO 527-1/-2
Strain at break	60	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m <sup>2</sup>	ISO 179/1eA
<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)	75	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	120	°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>			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1360	kg/m <sup>3</sup>	ISO 1183