



<b>TEREZ POM 8005 I</b>			
POM			Ter Plastics
<b>Product Texts</b>			
Standard Type with medium viscosity with enhanced impact resistance For all kind of injection moulding parts with raised impact stress			
<b>Rheological properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	10	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	2300	MPa	ISO 527-1/-2
Tensile Strength	45	MPa	ISO 527-1/-2
Yield stress	60	MPa	ISO 527-1/-2
Yield strain	10	%	ISO 527-1/-2
Strain at break	60	%	ISO 527-1/-2
Charpy impact strength (+23°C)	200	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m <sup>2</sup>	ISO 179/1eA
Flexural modulus (23°C)	2100	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)	105	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	135	°C	ISO 306
<b>Other properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Density	1400	kg/m <sup>3</sup>	ISO 1183