



<b>TEREZ PMMA 5805 SZ</b>			
PMMA			Ter Plastics
<b>Product Texts</b>			
Impact modified PMMA with high breaking strength, good weathering resistance, high surface hardness and scratch resistance. For low wall thickness applications and long flow distances, thin-walled parts, moulding parts with high accurate reproduction of detail.			
<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	230	°C	ISO 1133
MFI load	3.8	kg	ISO 1133
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2500	MPa	ISO 527-1/-2
Yield stress	55	MPa	ISO 527-1/-2
Yield strain	4.5	%	ISO 527-1/-2
Strain at break	25	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m <sup>2</sup>	ISO 179/1eU
<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Vicat softening temperature, 50°C/h 50N	96	°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>			
Density	1170	kg/m <sup>3</sup>	ISO 1183