


**TEREZ PMMA 5605 SZ**

PMMA

Ter Plastics

**Product Texts**

Impact modified PMMA with high breaking strength, very good weathering resistance, improved resistance to stress cracking, high surface hardness and scratch resistance.

Suitable for extrusion and coextrusion of profiles and boards, as well as injection moulding of moulded parts.

<b>Rheological properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	3.3	g/10min	ISO 1133
MFI temperature	230	°C	ISO 1133
MFI load	3.8	kg	ISO 1133
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527-1/-2
Yield stress	62	MPa	ISO 527-1/-2
Yield strain	4.5	%	ISO 527-1/-2
Strain at break	27	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m <sup>2</sup>	ISO 179/1eU
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	93	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	98	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	100	°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>ISO Data</b>			
Density	1170	kg/m <sup>3</sup>	ISO 1183