


TEREZ PMMA 5806 SZ

PMMA

Ter Plastics

Product Texts

Impact modified PMMA with very high tensile strength, good weathering resistance, high surface quality and scratch resistance. For applications with low wall thickness and high flow length, thinwalled geometries, moulding parts with accurate reproduction of detail.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4	g/10min	ISO 1133
MFI temperature	230	°C	ISO 1133
MFI load	3.8	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	1900	MPa	ISO 527-1/-2
Yield stress	45	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	70	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Vicat softening temperature, 50°C/h 50N	94	°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
Other properties			
ISO Data			
Density	1160	kg/m ³	ISO 1183