


TEREZ PMMA 5005

PMMA

Ter Plastics

Product Texts

Standard grade for injection moulding, good flowability.
 Automobile brakelites, scratch resistant, optical high quality mouldings.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
MFI temperature	230	°C	ISO 1133
MFI load	3.8	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	3200	MPa	ISO 527-1/-2
Stress at break	67	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	20	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	88	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	93	°C	ISO 75-1/-2
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
Other properties			
ISO Data			
Density	1190	kg/m ³	ISO 1183