

TEREZ PMMA 5001

Polymethyl Methacrylate Acrylic

TER HELL PLASTIC GMBH

Message:

Standard grade, good heat deflection temperature.
Bars and profiles, scratch resistant, optical high quality moulding.

General Information			
Features	Scratch Resistant		
Uses	Profiles		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2
Tensile Stress (Break)	77.0	MPa	ISO 527-2
Tensile Strain (Break)	5.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	103	°C	ISO 75-2/B
1.8 MPa, Unannealed	98.0	°C	ISO 75-2/A
Vicat Softening Temperature	108	°C	ISO 306/B50

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