

TEREZ PMMA 5805 SZ

Polymethyl Methacrylate Acrylic

TER HELL PLASTIC GMBH

Message:

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.

General Information			
Additive	Impact Modifier		
Features	Good Weather Resistance		
	High Hardness		
	Impact Modified		
	Scratch Resistant		
Uses	Thin-walled Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Yield)	55.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	4.5	%	
Break	25	%	
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	50	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/B50

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WECHAT