POLYMAN® (PMMA) M/21

Polymethyl Methacrylate Acrylic

A. Schulman Europe

Message:

High flow PMMA grade

General Information			
Features	Good liquidity		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PMMA		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.19	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/3.8 kg)	21.0	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3300	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	55.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.0	%	ISO 527-2/1A/5
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	2.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	15	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	76.0	°C	ISO 75-2/Af
Vicat Softening Temperature	89.0	°C	ISO 306/B50
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	ohms·cm	IEC 60093
Additional Information			

1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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