

POLYLUX® (MABS) Typ C12

Methyl Methacrylate / ABS

A. Schulman Europe

Message:

good flow high impact MABS grade

General Information			
Processing Method	Injection Molding		
Resin ID (ISO 1043)	MABS		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	24.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	41.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	3.5	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	13	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	88	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	73.0	°C	ISO 75-2/Af
Vicat Softening Temperature	93.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flammability Classification (1.50 mm)	HB	IEC 60695-11-10, -20	

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