

POLYform C M140

Acetal (POM) Copolymer

Polykemi AB

Message:

POLYform C M140 is an Acetal (POM) Copolymer product. It is available in Asia Pacific or Europe.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	13	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	1.8 to 2.0	%	
Flow	1.8 to 2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	65.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Flexural Modulus (23°C)	2700	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	6.0	kJ/m ²	
23°C	7.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (1.8 MPa, Unannealed)	106	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/B50
NOTE			
1.	120°C/hr		

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