

ICORENE® N9903

Polymethyl Methacrylate Acrylic

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® N9903 is a Polymethyl Methacrylate Acrylic material. It is available in Europe.

General Information			
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	89		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	65.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	3100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.0	kJ/m ²	ISO 179/2C
Notched Izod Impact Strength	1.8	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	82.0	°C	ISO 75-2/B
Vicat Softening Temperature	90.0	°C	ISO 306/B
Melting Temperature (DSC)	200	°C	Internal Method
Optical	Nominal Value	Unit	Test Method
Transmittance	92.0	%	ASTM D1003
Haze	0.50	%	ASTM D1003
Thermoset	Nominal Value	Unit	
Dry Time (80°C)	4.0	hr	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	

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Recommended distributors for this material

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