

BLUESTAR® POM BS090

Acetal (POM) Copolymer

Beijing Ranger Chemical Co., Ltd.

Message:

BLUESTAR® POM BS090 is a polyoxymethylene (POM) copolymer product. It is available in North America, Europe or Asia Pacific.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage - Flow	1.8 - 2.2	%	Internal method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2450	MPa	ISO 527-2
Tensile Stress (Break)	62.0	MPa	ISO 527-2
Tensile Strain (Break)	42	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	87.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	95.0	°C	ISO 75-2/A
Melting Temperature (DSC)	165	°C	ISO 3146
CLTE - Flow	1.2E-4	cm/cm/°C	ISO 11359-2

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