

Technical Data Sheet

Icorene N9306-1000 NAT 0000



Acetal (POM) Copolymer

Product Description

Icorene N9306 is premium quality easy flow Acetal (POM) Copolymer material. This grade is used for general purpose and masterbatch applications.

Processing Method	Compounding
Attribute	High Flow
Forms	Powder
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density	1.41	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (23 °C)	68.0	MPa	ISO 527-2
Tensile Strain at Break, (50 mm/min)	45	%	ISO 527-2
Flexural Stress, (2.0 mm/min)	64.0	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	6.0	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	150	°C	ISO 306