

## 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.

<b>Processing Method</b>	Compounding
<b>Attribute</b>	High Flow
<b>Forms</b>	Powder
<b>Application</b>	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density	1.41	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	6.0	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature, (B (50N), 50 °C/h)	150	°C	ISO 306