

Technical Data Sheet

Icorene N9306

Acetal (POM) Copolymer
 LyondellBasell Industries
 Custom Powders

Product Description

ICORENE® N9306 is premium quality easy flow Acetal (POM) Copolymer material.

This grade is used for general purpose and masterbatch applications.

General

Features	• High Flow	
Uses	• Compounding	• Masterbatch
Agency Ratings	• EU Food Contact	• FDA Food Contact
Forms	• Powder	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.41 g/cm ³	1.41 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	13 g/10 min	13 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, 73°F (23°C))	9860 psi	68.0 MPa	ISO 527-2
Tensile Strain (Break)	45 %	45 %	ISO 527-2/50
Flexural Stress ¹	9280 psi	64.0 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	2.9 ft·lb/in ²	6.0 kJ/m ²	ISO 179/1eA
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature ²	302 °F	150 °C	ISO 306/B50

Notes

¹ 0.079 in/min (2.0 mm/min)

² Oil

Notes

These are typical property values not to be construed as specification limits.