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Technical Data Sheet

Icorene N9602-1000 NAT0000XX



Polyamide 6

Product Description

Icorene N9602 is a polyamide 6 grade with an easy release and a rapid solidification. This grade is used for masterbatch applications.

Processing Method	Injection Molding
Attribute	Good Flow; Good Mold Release
Forms	Powder
Application	General Purpose; Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.14	g/cm ³	ISO 1183
Viscosity Number, (96% H ₂ SO ₄ (Sulphuric Acid))	2.70	cm ³ /g	ISO 307
Mechanical			
Tensile Elongation at Yield	20	%	ASTM D638
Tensile Strength at Yield	80	MPa	ASTM D638
Flexural Modulus	2700	MPa	ASTM D790
Tensile Elongation at Break	75	%	ASTM D638
Impact			
Charpy Impact Strength - Notched, (23 °C)	20	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature	213	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	175	°C	ISO 75-2/B
DSC Melting Point	222	°C	ISO 3146