

Technical Data Sheet

Icorene N2106 O-1200 NAT



Low Density Polyethylene

Product Description

Icorene N2106 O -1200 NAT is an easy flowing low density polyethylene grade with medium stiffness and good toughness. This grade is suitable for use in masterbatch applications.

Processing Method	Compounding Extrusion; Scatter Coating
Attribute	Good Flow; Good Stiffness; Good Toughness
Forms	Powder
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	22	g/10 min	ASTM D1238
Density	0.924	g/cm ³	ASTM D1505
Mechanical			
Tensile Elongation at Break	120	%	ASTM D638
Tensile Modulus	200	MPa	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	44		ASTM D2240
Thermal			
Vicat Softening Temperature	89	°C	ASTM D1525
Peak Melting Temperature	108	°C	ASTM D3418