

Technical Data Sheet

Icorene N2106-1200 NAT0000XX



Low Density Polyethylene

Product Description

Icorene N2106 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