

Technical Data Sheet

Icorene N2302-1200 NAT



Linear Low Density Polyethylene

Product Description

Icorene N2302 is a premium linear low density polyethylene powder offers a unique combination of excellent processability and outstanding product properties. This grade is recommended for injection moulding masterbatch where high filler acceptance is required, combined with a good flow.

Attribute	Good Flow; Good Processability; Heat Stabilized
Forms	Powder
Additive	Heat Stabilizer
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	50	g/10 min	ASTM D1238
Density	0.926	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Yield	12	MPa	ASTM D638
Tensile Elongation at Break	120	%	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	55		ASTM D2240
Thermal			
Vicat Softening Temperature	88	°C	ASTM D1525
Peak Melting Temperature	123	°C	ASTM D3418