

Technical Data Sheet

lcorene N2102-1200 NAT0000XX



Low Density Polyethylene

Product Description

lcorene N2102 is a low density polyethylene resin designed for injection moulding, compound and masterbatch applications. This grade is characterized by good toughness, stiffness and processability.

Processing Method	Compounding
Attribute	Good Processability; Good Stiffness; Good Toughness
Forms	Powder
Application	General Purpose; Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	7.5	g/10 min	ASTM D1238
Density	0.919	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Yield	10	MPa	ASTM D638
Tensile Elongation at Break	500	%	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	46		ASTM D2240
Thermal			
Vicat Softening Temperature	87	°C	ASTM D1525
Peak Melting Temperature	106	°C	ASTM D3418