

Technical Data Sheet

Icorene N2110M-1000 NAT

Low Density Polyethylene

Product Description

Icorene N2110 is a low density polyethylene grade free from additives. This grade is suitable for use in masterbatch applications.

Processing Method	Compounding Extrusion
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)	7.5	g/10 min	ASTM D1238
Density	0.92	g/cm ³	ASTM D1505
Mechanical			
Tensile Elongation at Break	550	%	ASTM D638
Tensile Modulus	170	MPa	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	47		ASTM D2240
Thermal			
Vicat Softening Temperature	87	°C	ASTM D1525
Peak Melting Temperature	108	°C	ASTM D3418