

Technical Data Sheet

lcorene N2308-1000 NATXX



Linear Low Density Polyethylene

Product Description

lcorene N2308 is a linear low density polyethylene produced by slurry loop low pressure process with hexene as co-monomer. This grade contains antioxidant stabilizers and has excellent mechanical properties and can be used alone, or blended or co-extruded in a wide variety of blown film applications.

Processing Method	Cast Film
Attribute	Good Processability
Forms	Powder
Additive	Antioxidant
Application	Blown Film; Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	0.15	g/10 min	ASTM D1238
Density	0.934	g/cm ³	ASTM D1505
Mechanical			
Tensile Stress at Yield, (0.0200 mm)	19.0	MPa	ISO 527-3
Tensile Strain at Break, (0.0200 mm)	500	%	ISO 527-3
Flexural Modulus	620	MPa	ISO 178
Tensile Stress at Break, (0.0200 mm)	52.0	MPa	ISO 527-3
Thermal			
Peak Melting Temperature	125	°C	ASTM D3418