Technical Data Sheet

Icorene N2308-1000 NATXX

Linear Low Density Polyethylene

Product Description

Icorene 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.

Regulatory Status

For regulatory compliance information, see *Icorene* N2308-1000 NATXX Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Europe
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/cm³	ASTM D1505
Mechanical			
Tensile Strain at Break, (0.0200 mm)	500	%	ISO 527-3
Flexural Modulus	620	MPa	ISO 178
Tensile Stress at Yield, (0.0200 mm)	19.0	MPa	ISO 527-3
Tensile Stress at Break, (0.0200 mm)	52.0	MPa	ISO 527-3
Thermal			
Peak Melting Temperature	125	°C	ASTM D3418

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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