Technical Data Sheet

Icorene N2170-500 NAT0000

Low Density Polyethylene

Product Description

Icorene N2170 is a low density polyethylene resin with an excellent fluidity. It can be succesfully added to low flowing LDPE grades to improve their processability.This grade is also used for compound and masterbatch applications.

Regulatory Status

For regulatory compliance information, see *Icorene* N2170-500 NAT0000 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific; Europe
Processing Method	Compounding
Attribute	Good Processability; High Flow
Forms	Powder
Application	Blending; Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	70	g/10 min	ASTM D1238
Density	0.916	g/cm³	ASTM D1505
Mechanical			
Tensile Strength at Break	7	MPa	ASTM D638
Flexural Modulus	150	MPa	ASTM D790
Hardness			
Durometer Hardness, (Shore D)	40		ASTM D2240
Thermal			
Vicat Softening Temperature	77	°C	ASTM D1525
Peak Melting Temperature	102	°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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