Technical Data Sheet

Icorene N2809-1000

High Density Polyethylene

Product Description

Icorene N2809 is a premium HDPE powder with an outstanding UV resistance.This grade is recommended for pressure pipe systems in the application fields of natural gas, pressure sewerage.

Regulatory Status

For regulatory compliance information, see *Icorene* N2809-1000 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Europe
Attribute	Good Stability; UV Resistant
Forms	Powder
Appearance	Black
Application	Plumbing Parts

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	0.25	g/10 min	ASTM D1238
Density	0.959	g/cm³	ASTM D1505
Mechanical			
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Break	>600	%	ASTM D638
Thermal			
Vicat Softening Temperature	125	°C	ASTM D1525

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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