

## 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.

<b>Attribute</b>	Good Stability; UV Resistant
<b>Forms</b>	Powder
<b>Appearance</b>	Black
<b>Application</b>	Plumbing Parts

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	0.25	g/10 min	ASTM D1238
Density	0.959	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Break	>600	%	ASTM D638
<b>Thermal</b>			
Vicat Softening Temperature	125	°C	ASTM D1525

## 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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