

Technical Data Sheet

Icorene N7020 GRY 7748



Low Density Polyethylene

Product Description

Icorene N7020 is a low density polyethylene resin designed for wire coating applications with fluidised bed processing. This grade has excellent fluidity and is available in white and a range of other colours.

Regulatory Status

For regulatory compliance information, see *Icorene* N7020 GRY 7748 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Attribute	Good Processability; High Flow
Forms	Powder
Appearance	Unspecified Color
Application	Coating Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density	0.914	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Break	8	MPa	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	40		ASTM D2240
Thermal			
Vicat Softening Temperature	81	°C	ASTM D1525
Peak Melting Temperature	103	°C	ASTM D3418

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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