

Technical Data Sheet

Icorene N7020

Low Density Polyethylene
LyondellBasell Industries
Custom Powders

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.

General

Features	• Good Processability	• High Flow
Uses	• Coating Applications	
Appearance	• Unspecified Color	
Forms	• Powder	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.914 g/cm ³	0.914 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	1160 psi	8.00 MPa	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	40	40	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	178 °F	81.0 °C	ASTM D1525
Peak Melting Temperature	217 °F	103 °C	ASTM D3418

Notes

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