

Technical Data Sheet

Icorene N7020 UV+ 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.

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