

Technical Data Sheet

Icorene N7140 BLK 9905



Polyethylene, Unspecified

Product Description

Icorene N7140 is a polyethylene based coating powder designed for encapsulating wire goods for outdoor applications and has been formulated to achieve very high thermal stability. This grade is stress crack and abrasion resistance improved compared with standard polyethylene materials. Compared with standard wirework powders, this material will have improved flow behaviour, process faster and enable users to make savings through thinner coatings achieved at lower oven temperatures.

Regulatory Status

For regulatory compliance information, see *Icorene* N7140 BLK 9905 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Attribute	Good Abrasion Resistance; Good Flow; Good Processability; Heat Stabilized; UV Stabilized
Forms	Powder
Appearance	Unspecified Color
Application	Coating Applications; Industrial Applications; Outdoor Applications; Wire & Cable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	0.92	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Yield	8	MPa	ASTM D638
Tensile Elongation at Break	>500	%	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	49		ASTM D2240

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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