

Technical Data Sheet

Icorene N7140

Polyethylene
LyondellBasell Industries
Custom Powders

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.

General

Features	<ul style="list-style-type: none"> Abrasion Resistant Good Flow 	<ul style="list-style-type: none"> Good Processing Stability Heat Stabilized 	<ul style="list-style-type: none"> UV Stabilized
Uses	<ul style="list-style-type: none"> Coating Applications Decorative Railing Fencing & Decking 	<ul style="list-style-type: none"> Industrial Applications Outdoor Applications Piping 	<ul style="list-style-type: none"> Wire & Cable Applications
Appearance	<ul style="list-style-type: none"> Unspecified Color 		
Forms	<ul style="list-style-type: none"> Powder 		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.920 g/cm ³	0.920 g/cm ³	ASTM D1505
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1160 psi	8.00 MPa	ASTM D638
Tensile Elongation (Break)	> 500 %	> 500 %	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	49	49	ASTM D2240

Notes

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