

Technical Data Sheet

Icorene N7520

Polyolefin
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N7510 HF is an adhesive polyolefin based coating powder that has been designed for coat fencing panels that will be exposed outside for prolonged periods of time.

This grade will provide good adhesion to the metal without any need of primer.
ICORENE® N7510 HF is used for coating applications with Electrostatic Spray processing.

General

Features	<ul style="list-style-type: none"> • Abrasion Resistant • Good Adhesion 	<ul style="list-style-type: none"> • Good Flow • Good Processing Stability 	
Uses	<ul style="list-style-type: none"> • Coating Applications • Decorative Railing 	<ul style="list-style-type: none"> • Industrial Applications • Racks 	<ul style="list-style-type: none"> • Wire & Cable Applications
Forms	<ul style="list-style-type: none"> • Powder 		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.920 to 0.940 g/cm ³	0.920 to 0.940 g/cm ³	ASTM D1505
Apparent (Bulk) Density	0.35 to 0.40 g/cm ³	0.35 to 0.40 g/cm ³	ASTM D1895A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Elongation (Break)	> 500 %	> 500 %	ASTM D638
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Gardner Impact (0.0315 In (0.800 Mm))	> 88.5 in·lb	> 10.0 J	ISO 6272
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	52	52	ASTM D2240
Aging	Nominal Value (English)	Nominal Value (SI)	Test Method
Continuous Upper Temperature Resistance	140 °F	60 °C	Internal Method
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gloss (118 Mil (3000 µm))	60 to 90	60 to 90	ISO 2813

Notes

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