

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

Material Status	• Commercial: Active		
Availability	• Europe		
Features	• Abrasion Resistant • Good Adhesion	• Good Flow • Good Processing Stability	
Uses	• Coating Applications • Decorative Railing	• Industrial Applications • Racks	• Wire & Cable Applications
Forms	• 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.

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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