

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

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|----------|---|---|
| Features | <ul style="list-style-type: none">Abrasion ResistantGood Adhesion | <ul style="list-style-type: none">Good FlowGood Processing Stability |
| Uses | <ul style="list-style-type: none">Coating ApplicationsDecorative Railing | <ul style="list-style-type: none">Industrial ApplicationsRacksWire & 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.