



# EPOLENE® N-21P

Low Molecular Weight Polymer

## Technical Data Sheet

### Applications

- Asphalt modification
- Compounding
- Solvent-based coatings
- Wax modification
- Wire and cable

### Attributes

- Powdered Product Form
- Higher melt point and hardness provides improved resistance to solvents / oils
- Improved slump resistance in cable filling and flooding
- Provides lubricity in printing inks
- Medium density polyethylene powder

### Product Description

EPOLENE® N-21 is a non-emulsifiable medium density polyethylene that improves slump resistance in cable filling and flooding, provides lubricity in printing inks, and modifies viscosity in hot melt adhesives. Its higher melting point and hardness, compared to other EPOLENE® N type polymers, provides improved resistance to solvents and oils.

### Typical Physical Properties

| Property <sup>a</sup>             | Test Method <sup>b</sup> | Typical Value, Units <sup>c</sup> |
|-----------------------------------|--------------------------|-----------------------------------|
| Density, g/cm <sup>3</sup>        | D-1505                   | 0.950                             |
| Penetration Hardness, dmm         | D-5                      | <1                                |
| Mettler Drop Point, °C            | D-6090                   | 122                               |
| Brookfield Viscosity @ 125 °C, cP | D-4287                   | 600                               |
| Yellowness Index                  | E-313                    | -2.0                              |
| Median Particle Size, microns     | Westlake                 | 227                               |

<sup>a</sup> Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> Units are in SI or US customary units.

### Packaging

EPOLENE® N-21P is offered in multiple package types. Contact your Westlake sales or technical representative for offerings and availability.

### Storage

The useful life of this product can be affected by storage and handling conditions. This product should be stored in the original unopened container in an enclosed area and protected from moisture, extreme temperatures, and contamination. First-in first-out (FIFO) inventory management is recommended.

### Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

*Westlake makes no representation that the material in any particular shipment will conform exactly to the values given. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*

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