

Applications

- Asphalt modification
- Hot melt adhesives
- Compounding
- Solvent based coatings
- Wax modification
- Wire and cable

Attributes

- Higher melt point and hardness provides improved resistance to solvents / oils
- Improved slump resistance in cable filling and flooding
- Provides lubricity in printing inks
- Useful as a viscosity modifier in hot melt adhesives
- Medium density polyethylene powder

Product Description

EPOLENE® N-21P is a non-emulsifiable medium density polyethylene powder that improves slump resistance in cable filling and flooding, provides lubricity in printing inks, and as a viscosity modifier 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 ^a	Test Method ^b	Typical Value, Units ^c
Penetration Hardness	D-5	<1 dmm
Mettler Drop Point	D-6090	117-123 °C
Brookfield Viscosity @ 150 °C	D-4287	250-450 cP
Yellowness Index	E-313	≤ 1.0
Median Particle Size	Westlake	227 microns

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

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Packaging

EPOLENE® N-21P is offered in multiple package types. See your Westlake sales or technical representative for packaging 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.

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