



Application/Uses

- Building and Construction
- Hot Melt Adhesives
- Packaging
- Solventborne Adhesives
- 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

Product Description

EPOLENE[®] N-21 polymer is a non-emulsifiable medium density polyethylene 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

| <u>Property^a</u> | <u>Test^b Method</u> | <u>Typical Value, Units^c</u> |
|------------------------------|--------------------------------|---|
| 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 | D-313 | ≤ 1.0 |

^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

COMMENTS

Properties reported here are indicative values only. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

Packaging

EPOLENE N-21 polymer is supplied as free-flowing pellets, packaged in multiwall paper bags with a polyethylene coated inner liner [22.67 kg (50 lb) net weight]. Many EPOLENE polymers are also shipped in a variety of bulk containers. EPOLENE N-21 polymer is also available in powder form as EPOLENE N-21P polymer.

Storage

The useful life of this product can be affected by storage and handling conditions. 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.

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