



Westlake Polymers

Enhancing your life every day

EPOLENE[®] **N-21P Polymer**

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-21P 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
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

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-21P polymer is supplied as free-flowing powder, 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-21P polymer is also available in pellet 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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