

Technical Data Sheet

Applications

- Compounding
- PVC lubrication
- Hot melt adhesives
- Solvent-based coatings
- Wax modification
Packaging

Attributes

- Aids in pigment dispersion
- Easy to melt blend with natural or synthetic waxes
- Improves physical properties of paper coatings
- Increases scuff and rub off resistance in inks
- Low density polyethylene

Product Description

EPOLENE® N-34 is a non-emulsifiable low molecular weight polyethylene used to aid in pigment dispersion and mold release, to improve scuff resistance in inks and increase tensile strength in wax blends.

Typical Physical Properties

| Property ^a | Test Method ^b | Typical Value, Units ^c |
|-----------------------------------|--------------------------|-----------------------------------|
| Density, g/cm ³ | D-1505 | 0.910 |
| Penetration Hardness, dmm | D-5 | 5 |
| Mettler Drop Point, °C | D-6090 | 105 |
| Brookfield Viscosity @ 125 °C, cP | D-4287 | 450 |
| Yellowness Index | E-313 | -4.0 |

^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.

Packaging

EPOLENE® N-34 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.

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