

Applications

- Compounding
- Packaging
- Solvent based coatings
- Wax modification

Attributes

- Enhances paraffin wax coating properties like gloss, grease resistance, and MVTR
- Excellent thermal stability
- Low color
- Medium molecular weight
- Useful in color concentrates

Product Description

EPOLENE® N-10P is a nonemulsifiable low molecular weight polyethylene powder 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 |
|-------------------------------|--------------------------|-----------------------------------|
| Penetration Hardness | D-5 | 2 dmm |
| Mettler Drop Point | D-6090 | 107-115 °C |
| Brookfield Viscosity @ 125 °C | D-4287 | 1,200-1,850 cP |
| Yellowness Index | E-313 | ≤ 1.0 |
| Median Particle Size | Westlake | 326 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-10P 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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