

Applications

- Automotive carpet backing
- Compounding
- Hot melt adhesives
- Packaging
- 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® C-17P is a branched low density polyethylene powder with a relatively high melt point and viscosity compared to other EPOLENE® C-type Polymers. It is useful to modify paraffin wax to improve the blend viscosity, grease resistance, blocking temperature, scuff resistance, and gloss. EPOLENE® C-17P polymer commonly replaces granular LLDPE as the base polymer in color concentrates because it's easier to process and has higher output rates. EPOLENE® C-17P polymer has good high temperature stability, low color, low temperature flexibility, and excellent compatibility with various hydrocarbon tackifying resins.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Mettler Drop Point	D-6090	> 130°C
Melt Index (Condition E, 190°C / 2.16kg)	D-1238	16 – 24 g/10 min
Whiteness Index	E-313	≥ 45
Median Particle Size	Westlake	374 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® C-17P 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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