

Applications

- Automotive carpet backing
- Extrusion coating
- Wax modification
- Compounding

Attributes

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

Product Description

EPOLENE® C-23 is a branched low density polyethylene with a relatively high melt point and viscosity compared to other EPOLENE® C-type polymers. It is useful to modify paraffin wax to improve grease resistance, blocking temperature, scuff resistance, and gloss. EPOLENE® C-23 polymer is commonly used for extrusion coating of board stock. EPOLENE® C-23 polymer has good high temperature stability, low color and low temperature flexibility.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Mettler Drop Point	D-6090	108 °C
Melt Index (Condition E, 190°C / 2.16kg)	D-1238	64 – 96 g/10 min
Whiteness Index	E-313	≥ 45

^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-23 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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