



Application/Uses

- Extrusion Coating
- Wax Modification

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 polymer 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

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

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 C-23 polymer is supplied as free-flowing pellets, packaged in multiwall paper bags with a polyethylene coated inner liner [22.67 kg (50 lb) net weight]. The bags are palletized and stretch wrapped to prevent contamination during storage and shipment. Many EPOLENE polymers are also shipped in a variety of bulk containers. EPOLENE C-23 polymer is also available in powder form as EPOLENE C-23P 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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