



## Application/Uses

- Automotive refinish
- Automotive
- Building and Construction
- Hot Melt Adhesives
- Packaging
- Solvent borne Adhesives
- 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<sup>®</sup> C-12 polymer is a branched low density polyethylene homopolymer with low color and medium molecular weight. It is useful as a base polymer for adhesives and coatings, color concentrate dispersions, and to provide lubricity in rubber compounding. Coatings produced with EPOLENE C-12 polymer exhibit high gloss, low moisture vapor transmission rates, grease resistance, and good heat seal ability.

## Typical Physical Properties

<u>Property<sup>a</sup></u>	<u>Test<sup>b</sup> Method</u>	<u>Typical Value, Units<sup>c</sup></u>
Mettler Drop Point	D-6090	118 °C
Melt Index (Condition E, 190°C / 2.16g)	D-1238	360 – 450 g/10 min
Yellowness Index	D-313	≤ 2.0

<sup>a</sup> Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> 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-12 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]. Many EPOLENE polymers are also shipped in a variety of bulk containers.

## 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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