



Application/Uses

- Automotive
- Building and Construction
- Rubber and Plastic Modification

Attributes

- Balances attraction between polar fillers / reinforcements and non-polar polymers
- Coupling agent for PE composites
- Maleic anhydride grafted polyethylene (PE)

Product Description

EPOLENE[®] C-26 polymer is a maleic anhydride grafted polyethylene coupling agent for polyolefin (PE, PP etc...) composites. The polar functionality and molecular weight are optimized to provide balanced attraction between polyolefin and reinforcements / fillers like glass, wood, minerals, and metals. EPOLENE C-26 polymers are products of Westlake Chemical Corporation and are protected under one or more of the following U.S. patents: 5,955,547 and 6,046,279; and their foreign equivalents.

Typical Physical Properties

<u>Property^a</u>	<u>Test^b Method</u>	<u>Typical Value, Units^c</u>
Acid Number	D-1386	8.0 mg-KOH/g
Melt Index (Condition E, 190°C / 2.16kg)	D-1238	2 – 10 g/10 min
Yellowness Index	D-313	≤ 70.0

^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-26 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].

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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