



EPOLENE® C-26

Low Molecular Weight Polymer

Technical Data Sheet

Applications

- Automotive
- Compounding
- Building and construction
- Rubber and plastic modification

Attributes

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

Product Description

EPOLENE® C-26 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 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

Property ^a	Test Method ^b	Typical Value, Units ^c
Density, g/cm ³	D-1505	0.917
Mettler Softening Point, °C	D-6090	133
Acid Number, mg KOH/g	D-1386	8.0
Melt Index @ 190 °C, g/10 min	D-1238	8

^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-26 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.

Westlake makes no representation that the material in any particular shipment will conform exactly to the values given. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

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