



Application/Uses

- Asphalt Modification
- Building and Construction
- Hot Melt Adhesives
- Pressure Sensitive Adhesives
- Wax Modification

Attributes

- Oxidized to provide functionality
- Useful lubricant for HDPE extrusion
- Oxidized low density polyethylene

Product Description

EPOLENE[®] EE-2 polymer is a medium density, oxidized low molecular weight polymer used in emulsifiable applications. It is an excellent asphalt modifier which mixes readily with all asphalts.

Typical Physical Properties

<u>Property^a</u>	<u>Test^b Method</u>	<u>Typical Value, Units^c</u>
Acid Number	D-1386	14-20 mg-KOH/g
Penetration Hardness	D-5	<1 dmm
Mettler Drop Point	D-6090	106-120 °C
Brookfield Viscosity @ 190 °C	D-4287	1,000-2,500 cP
Yellowness Index	D-313	≤ 88.0

^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 EE-2 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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