



Westlake Polymers

Enhancing your life every day

EPOLENE[®] E-14P Polymer

Application/Uses

- Automotive
- Building and Construction
- Hot Melt Adhesives
- Pressure Sensitive Adhesives
- Solventborne Adhesives
- Waterborne Adhesives
- Wax Modification

Attributes

- Imparts slip resistances, durability, and toughness to floor finishes
- Listed with NSF for use as a lubricant in PVC melt processes
- Oxidized to provide functionality
- Produces stable water based emulsions
- Oxidized low density polyethylene

Product Description

EPOLENE[®] E-14P polymer is an oxidized low molecular weight polymer used in emulsifiable applications. It is useful as a lubricant in processing rigid and flexible polyvinyl chloride (PVC) and as a processing aid for preparing color concentrates. EPOLENE E-14P polymer is listed with the National Sanitation Foundation (NSF) under Standard 61 Drinking Water System Components Health Effects.

Typical Physical Properties

Property ^a	Test ^b Method	Typical Value, Units ^c
Acid Number	D-1386	14-18 mg-KOH/g
Penetration Hardness	D-5	4 dmm
Mettler Softening Point	D-6090	102-105 °C
Brookfield Viscosity @ 125 °C	D-4287	300-475 cP
Yellowness Index	D-313	≤ 4.0
Median Particle Size	Westlake	215 microns

^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 E-14P polymer is supplied as free-flowing powder, 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. EPOLENE E-14P polymer is also available in pellet form as EPOLENE E-14 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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