

Westlake Epolene® E-14 Emulsifiable - Oxidized Low Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: The Epolene E-14 is a low molecular-weight, low-density, oxidized polyethylene. 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-14 is listed with the National Sanitation Foundation (NSF) under Standard 61 Drinking Water System Components Health Effects. **Key Attributes:** Imparts slip resistance, durability, and toughness to floor finishes Listed with NSF for use as a lubricant in PVC melt processes Low density polyethylene (PE) Oxidized to provide functionality Produces stable water based emulsions **Application/Uses:** Automotive OEM Automotive Building and Construction Hot Melt Adhesives Pressure Sensitive Adhesives Solventborne Adhesives Waterborne Adhesives Wax Modification

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-E-14-Emulsifiable-Oxidized-Low-Molecular-Weight-Polyethylene-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 - 0.960 g/cc	0.930 - 0.960 g/cc	
Viscosity	300 - 450 cP @Temperature 125 °C	300 - 450 cP @Temperature 257 °F	TXAL-A-XX-G-V-005
Brookfield Viscosity	375 cP @Temperature 125 °C	375 cP @Temperature 257 °F	
Molecular Weight	4000 g/mol	4000 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	>= 204 °C	>= 399 °F	
Ring & Ball Softening Point	104 °C	219 °F	ASTM E28

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 3.0	<= 3.0	TXAL-A-XX-G-VCC-99

Chemical Properties	Metric	English	Comments
Total Acid Number	17	17	

Descriptive Properties	Value	Comments
Penetration Hardness	4 dmm	ASTM D5, Needle under 100-g load for 5s @ 25 deg C, tenths of mm

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China