

Westlake Epolene® E-16 Emulsifiable - Oxidized Low Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Epolene® E-Type Polymers are easily emulsifiable, available in PE and PP based materials, and approved by the FDA for food contact. They have a wide ring & ball softening point range, oil and water resistance, low color, and consistent quality through SPC methods. Their applications include: PVC lubricants, textile softener/lubricant, floor polish, plastic additive applications, paper coating lubricant, fruit coating, agricultural sprays, car polish, and fiberglass sizing. Products are supplied as free flowing pellets; although some products may be available in powder form. Products made with these polymers will have attributes that deliver: abrasion resistance, moisture and grease resistance, surface slip and release properties, and compatibility with other polymers, pigments, and fillers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-E-16-Emulsifiable-Oxidized-Low-Molecular-Weight-Polyethylene-Polymer.php

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in ³	ASTM-D5
Brookfield Viscosity	500 cP	500 cP	Thermosel; ASTM-D3226
	@Temperature 140 °C	@Temperature 284 °F	
	700 cP	700 cP	Thermosel; ASTM-D3226
	@Temperature 125 °C	@Temperature 257 °F	
Molecular Weight	1037 g/mol	1037 g/mol	M_n
	4538 g/mol	4538 g/mol	M_w

Thermal Properties	Metric	English	Comments
Ring & Ball Softening Point	102 °C	216 °F	ASTM-E28

Optical Properties	Metric	English	Comments
Gardner Color Number	1.0	1.0	ASTM-D1544

Chemical Properties	Metric	English	Comments
Total Acid Number	17	17	ASTM-D1386

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