Epolene® E-16

Low Density Polyethylene

Westlake Chemical Corporation

Message:

Epolene E-16 is a low-density oxidized polyethylene having properties intermediate between Epolene E-10 and Epolene E-14. It provides stable, low-color emulsions by both atmospheric and pressure emulsification methods for such end uses as textiles, floor polishes, inks, and paint rheological additives.
Application/Uses: Automotive OEM, Automotive refinish, Automotive, Building and Construction, Hot Melt Adhesives, Pressure Sensitive Adhesives, Solventborne Adhesives, Waterborne Adhesives, Wax Modification
Key Attributes:
Imparts slip resistance, durability, and toughness to floor finishes, Low density polyethylene (PE), Oxidized to provide functionality, Produces stable water based emulsions

General Information			
Features	Durable Good Stability Good Toughness		
Uses	Adhesives Automotive Applications Building Materials Construction Applications Flooring Maintenance/Repair Printing Ink Textile Applications		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	
Acid Number	17.00	mg KOH/g	
Molecular Weight [1]	5500		
Softening Point - Mettler	100	°C	ASTM D6090
Penetration Hardness [2] (25°C)	4.00	d mm	ASTM D5
Fill Analysis	**Nominal Value**	**Unit**	**Test Method**
Melt Viscosity (125°C)	700	mPa·s	Brookfield
NOTE			
1.	Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards		
2.	Needle under 100-g load for 5s @ 25 deg °C, tenths of mm		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China