

# Epolene® E-10

Low Density Polyethylene

Westlake Chemical Corporation

## Message:

Epolene E-10 is a low molecular weight, low density, oxidized polyethylene. The low molecular weight and low softening point contribute to the production of stable, low color emulsions by both atmospheric (wax to water) and pressure emulsification methods. In water based emulsion floor finishes, it imparts good slip resistance, durability, toughness and durability to the polish film.

General Information			
Features	Durable		
	Good Toughness		
	Low Molecular Weight		
Uses	Adhesives		
	Automotive Applications		
	Building Materials		
	Compounding		
	Construction Applications		
	Flooring Maintenance/Repair		
Forms	Pellets		
Physical	Nominal Value	Unit	
Acid Number	17.00	mg KOH/g	
Molecular Weight <sup>1</sup>	6100		
Ring and Ball Softening Point	106	°C	ASTM E28
Penetration Hardness <sup>2</sup> (25°C)	200	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (125°C)	800	mPa · s	
NOTE			
1.	Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards		
2.	Needle under 100-g load for 5s, tenths of mm		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

