

# Epolene® E-14P

Low Density Polyethylene

Westlake Chemical Corporation

## Message:

The Epolene E-14P is a low molecular-weight, low-density, oxidized polyethylene powder. 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 is listed with the National Sanitation Foundation (NSF) under Standard 61 Drinking Water System Components Health Effects.

General Information			
Features	Durable Good Toughness Low Molecular Weight		
Uses	Adhesives Automotive Applications Building Materials Color Concentrates Construction Applications Flooring Maintenance/Repair Plastics Modification		
Forms	Powder		
Physical	Nominal Value	Unit	
Acid Number	17.00	mg KOH/g	
Molecular Weight <sup>1</sup>	4000		
Ring and Ball Softening Point	104	°C	ASTM E28
Penetration Hardness <sup>2</sup> (25°C)	400	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (125°C)	375	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

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