

# Epolene® EE-2

Medium Density Polyethylene

Westlake Chemical Corporation

## Message:

EE-2 is a medium density, low molecular-weight oxidized polyethylene with exceptional hardness. It is an excellent asphalt modifier which mixes readily with all asphalts. It has a low softening point and low viscosity. The low softening point and low viscosity contribute to the hardness, short drying time, and excellent gloss in coatings.

General Information			
Features	High Gloss		
	High Hardness		
	Low Molecular Weight		
	Low Viscosity		
Uses	Adhesives		
	Asphalt Modification		
	Building Materials		
	Coating Applications		
	Compounding		
	Construction Applications		
	Plastics Modification		
Forms	Pellets		
Physical	Nominal Value	Unit	
Acid Number	16.20	mg KOH/g	
Molecular Weight <sup>1</sup>	7500		
Ring and Ball Softening Point	110	°C	ASTM E28
Penetration Hardness <sup>2</sup> (25°C)	< 100	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (125°C)	1500	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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