

# Epolene® N-14P

Low Density Polyethylene  
Westlake Chemical Corporation

Message:

Epolene N-14P is a polyethylene (PE) homopolymer powder that can easily be melt blended with natural or synthetic waxes to increase the tensile strength of wax blends, improve the gloss of paper coatings, aid in pigment dispersion and mold release, and improve scuff and rub off resistance in printing inks. For these applications, six Epolene N-types, differing mainly in viscosity, are available to choose from (Epolene N-10, N-11, N-14, N-30, N-34, and N-35).

General Information			
Features	High Gloss		
	Homopolymer		
	Scratch Resistant		
Uses	Adhesives		
	Automotive Applications		
	Blending		
	Building Materials		
	Coating Applications		
	Construction Applications		
	Packaging		
Forms	Powder		
Physical	Nominal Value		
Molecular Weight <sup>1</sup>	4000		
Ring and Ball Softening Point	108	°C	ASTM E28
Penetration Hardness <sup>2</sup> (25°C)	300	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (125°C)	150	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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