

Epolene® N-34P

Low Density Polyethylene
Westlake Chemical Corporation

Message:

Epolene N-34P 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, four Epolene N-type powders, differing mainly in viscosity, are available to choose from (Epolene N-10P, N-11P, N-14P, and N-34P).

General Information			
Features	High Gloss		
	High Tensile Strength		
	Homopolymer		
	Scratch Resistant		
Uses	Adhesives		
	Automotive Applications		
	Blending		
	Building Materials		
	Coating Applications		
	Construction Applications		
	Packaging		
	Printing Ink		
Forms	Powder		
Physical	Nominal Value		
Molecular Weight ¹	6200		
Ring and Ball Softening Point	104	°C	ASTM E28
Penetration Hardness ² (25°C)	500	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (125°C)	450	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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