

Epolene® N-21

Medium Density Polyethylene
Westlake Chemical Corporation

Message:

Epolene N-21 is a medium density polyethylene that improves slump resistance in cable filling and flooding, provides lubricity in printing inks, and can be used as a viscosity modifier in hot melts. Its higher melt point and hardness, compared to other Epolene N-type polymers, provides improved resistance to solvents and oils.

General Information			
Features	High Hardness		
	Oil Resistant		
	Solvent Resistant		
Uses	Adhesives		
	Automotive Applications		
	Building Materials		
	Compounding		
	Construction Applications		
	Packaging		
	Printing Ink		
	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value		
Molecular Weight ¹	6500		
Ring and Ball Softening Point	120	°C	ASTM E28
Penetration Hardness ² (25°C)	< 100	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (125°C)	600	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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