

# Epolene® N-15

Polypropylene Homopolymer  
Westlake Chemical Corporation

Message:

Epolene N-15 is a low viscosity polypropylene homopolymer with a high melt point and excellent hardness. Epolene N-15 is used in color concentrates, toner compounds, and as a pigment dispersion aid in polypropylene fiber applications. As a paraffin wax modifier it improves blocking, scuff, and abrasion resistance.

General Information			
Features	Good Abrasion Resistance		
	High Hardness		
	Homopolymer		
	Low Molecular Weight		
	Low Viscosity		
	Scratch Resistant		
Uses	Adhesives		
	Building Materials		
	Color Concentrates		
	Compounding		
	Construction Applications		
	Packaging		
Forms	Pellets		
Physical	Nominal Value		
Molecular Weight <sup>1</sup>	12000		
Ring and Ball Softening Point	163	°C	ASTM E28
Melt Viscosity (125°C)	Solid at this temp.		
Penetration Hardness <sup>2</sup> (25°C)	< 100	mm	ASTM D5
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (190°C)	700	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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