

Westlake Epolene® N-15P Nonemulsifiable - Low Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Description: Epolene N-15P is a low viscosity polypropylene homopolymer powder with a high melt point and excellent hardness. Epolene N-15P 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. Key Attributes: Improves blocking, scuff, and abrasion resistance in paraffin wax blends Low molecular weight Polypropylene (PP) homopolymer Useful in color concentrates, toner compounds, and as a pigment dispersion aid Application/Uses: Building and Construction Hot Melt Adhesives Packaging Solvent borne Adhesives Wax Modification Information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-N-15P-Nonemulsifiable-Low-Molecular-Weight-Polyethylene-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D5
Viscosity	250 - 950 cP	250 - 950 cP	542-111
Brookfield Viscosity	700 cP @Temperature 190 °C	700 cP @Temperature 374 °F	
Molecular Weight	12000 g/mol	12000 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	>= 277 °C	>= 531 °F	
Ring & Ball Softening Point	163 °C	325 °F	ASTM E28

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 3.0	<= 3.0	542-130

Descriptive Properties	Value	Comments
Penetration Hardness	<1 dmm	ASTM D5, Needle under 100-g load for 5s @ 25 °C

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