

Westlake Epolene® N-30 Nonemulsifiable - Low Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Epolene N-30 is a polyethylene (PE) homopolymer 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

Key Attributes: Aids in pigment dispersion
Easy to melt blend with natural or synthetic waxes
Improves physical properties of paper coatings
Increases scuff and rub off resistance in inks
Low density polyethylene (PE)

Application/Uses: Building and Construction
Hot Melt Adhesives
Packaging
Solventborne Adhesives
Wax Modification
Automotive

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-N-30-Nonemulsifiable-Low-Molecular-Weight-Polyethylene-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 - 0.950 g/cc	0.910 - 0.950 g/cc	
Viscosity	780 - 1280 cP @Temperature 125 °C	780 - 1280 cP @Temperature 257 °F	542-111
Brookfield Viscosity	1050 cP @Temperature 125 °C	1050 cP @Temperature 257 °F	
Molecular Weight	9200 g/mol	9200 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	>= 343 °C	>= 649 °F	ASTM E136
Ring & Ball Softening Point	110 °C	230 °F	ASTM E28

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 2.0	<= 2.0	542-130

Descriptive Properties	Value	Comments
Penetration Hardness	0.2 mm	ASTM D5, Needle under 100-g load for 5s @ 25 deg C

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