

## Westlake Epolene® N-35 Nonemulsifiable - Low Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

**Product Description:** Epolene N-35 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 dispersionEasy to melt blend with natural or synthetic waxesImproves physical properties of paper coatingsIncreases scuff and rub off resistance in inksLow density polyethylene (PE)**Application/Uses:**Building and ConstructionHot Melt AdhesivesPackagingSolventborne AdhesivesWax ModificationAutomotive

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-Epolene-N-35-Nonemulsifiable-Low-Molecular-Weight-Polyethylene-Polymer.php](http://www.lookpolymers.com/polymer_Westlake-Epolene-N-35-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	550 - 850 cP @Temperature 125 °C	550 - 850 cP @Temperature 257 °F	542-111
Brookfield Viscosity	700 cP @Temperature 125 °C	700 cP @Temperature 257 °F	
Molecular Weight	7580 g/mol	7580 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	>= 343 °C	>= 649 °F	ASTM E136
Ring & Ball Softening Point	104 °C	219 °F	ASTM E28

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

Descriptive Properties	Value	Comments
Penetration Hardness	3 dmm	ASTM D5, Needle under 100-g load for 5s @ 25 deg C, tenths of mm

## Contact Songhan Plastic Technology Co.,Ltd.

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