

## Westlake Epolene® N-21 Nonemulsifiable - Low Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

**Product Description:** 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 Ntype polymers, provides improved resistance to solvents and oils.**Key Attributes:** Higher melt point and hardness provides improved resistance to solvents / oilsImproves slump resistance in cable filling and floodingMedium density polyethyleneProvides lubricity in printing inksUseful as a viscosity modifier in hot melts **Application/Uses:**Building and ConstructionHot Melt AdhesivesPackagingSolventborne AdhesivesWax Modification Wire and Cable

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-Epolene-N-21-Nonemulsifiable-Low-Molecular-Weight-Polyethylene-Polymer.php](http://www.lookpolymers.com/polymer_Westlake-Epolene-N-21-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	250 - 450 cP @Temperature 150 °C	250 - 450 cP @Temperature 302 °F	542-111
Brookfield Viscosity	600 cP @Temperature 125 °C	600 cP @Temperature 257 °F	
Molecular Weight	6500 g/mol	6500 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	>= 343 °C	>= 649 °F	ASTM E136
Ring & Ball Softening Point	120 °C	248 °F	ASTM E28

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

Descriptive Properties	Value	Comments
Penetration Hardness	<1 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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