

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

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Description: Epolene N-21P 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 / oils Improves slump resistance in cable filling and flooding Medium density polyethylene Provides lubricity in printing inks Useful as a viscosity modifier in hot melts Application/Uses: Building and Construction Hot Melt Adhesives Packaging Solvent borne Adhesives Wax Modification Wire and Cable Information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-N-21P-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	250 - 450 cP	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 °C

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China