

## Westlake Epolene® C-17P Coating Grade - Branched Medium Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

Description: Epolene C-17P is a branched low density polyethylene powder with a relatively high melt point and viscosity compared to other Epolene C-type Polymers. It is useful to modify paraffin wax to improve the blend viscosity, grease resistance, blocking temperature, scuff resistance, and gloss. Epolene C-17P commonly replaces granular LLDPE as the base polymer in color concentrates because it's easier to process and has higher output rates. Epolene C-17P has good high temperature stability, low color, low temperature flexibility, and excellent compatibility with various tackifying resins. Key Attributes: Enhances paraffin wax coating properties like gloss, grease resistance, and MVTR. Excellent thermal stability. Low color. Medium molecular weight. Useful in color concentrates. Application/Uses: 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-C-17P-Coating-Grade-Branched-Medium-Molecular-Weight-Polyethylene-Polymer.php](http://www.lookpolymers.com/polymer_Westlake-Epolene-C-17P-Coating-Grade-Branched-Medium-Molecular-Weight-Polyethylene-Polymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 - 0.920 g/cc	0.900 - 0.920 g/cc	
Brookfield Viscosity	19 cP @Load 2.16 kg, Temperature 190 °C	19 cP @Load 4.76 lb, Temperature 374 °F	
Molecular Weight	100000 g/mol	100000 g/mol	
Melt Flow	16 - 24 g/10 min	16 - 24 g/10 min	72-412

Thermal Properties	Metric	English	Comments
Flash Point	>= 343 °C	>= 649 °F	ASTM E136
Ring & Ball Softening Point	133 °C	271 °F	ASTM E28

Descriptive Properties	Value	Comments
Penetration Hardness	2 dmm	ASTM D5, Needle under 100-g load for 5s @ 25 °C

## Contact Songhan Plastic Technology Co.,Ltd.

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