

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

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Epolene C-17 is a branched low density polyethylene 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-17 commonly replaces granular LLDPE as the base polymer in color concentrates because it's easier to process and has higher output rates. Epolene C-17 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 stabilityLow colorMedium molecular weightUseful in color concentrates**Application/Uses:**Hot Melt Adhesive Packaging Solvent borne AdhesivesWax Modification

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-C-17-Coating-Grade-Highly-Branched-Medium-Molecular-Weight-Polyethylene-Polymer.php

Physical Properties	Metric	English	Comments
Density	0.913 - 0.919 g/cc	0.0330 - 0.0332 lb/in ³	ASTM D4883
Brookfield Viscosity	19 cP @Load 0.00000220 kg, Temperature 190 °C	19 cP @Load 0.00000475 lb, Temperature 374 °F	
Molecular Weight	100000 g/mol	100000 g/mol	
Melt Flow	16 - 24 g/10 min	16 - 24 g/10 min	ASTM D1238

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 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