

Westlake Epolene® C-15P Coating Grade - Branched Medium Molecular Weight Polyethylene Polymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Description: Epolene C-15P is a branched low density polyethylene homopolymer powder with low color and medium molecular weight. It is useful as a base polymer for adhesives and coatings, color concentrate dispersions, and to provide lubricity in rubber compounding.

Coatings produced with Epolene C-15P exhibit high gloss, low moisture vapor transmission rates, grease resistance, and good heat seal

ability. 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: Automotive refinish Automotive Building and Construction 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-15P-Coating-Grade-Branched-Medium-Molecular-Weight-Polyethylene-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.906 g/cc	0.906 g/cc	
Viscosity	3000 - 4800 cP @Temperature 150 °C	3000 - 4800 cP @Temperature 302 °F	542-111
Brookfield Viscosity	1800 cP @Temperature 190 °C	1800 cP @Temperature 374 °F	
	8950 cP @Temperature 125 °C	8950 cP @Temperature 257 °F	
Molecular Weight	17000 g/mol	17000 g/mol	

Thermal Properties	Metric	English	Comments
Flash Point	>= 343 °C	>= 649 °F	ASTM E136
Ring & Ball Softening Point	101 °C	214 °F	ASTM E28

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 1.0	<= 1.0	542-130

Descriptive Properties	Value	Comments
Penetration Hardness	4 dmm	ASTM D5, Needle under 100-g load for 5s @ 25 °C

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