

Westlake Epolene® L630-29L Branched Low Density Polyethylene Homopolymer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Description: Epolene L-630-29P 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 L-630-29P 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, Solventborne Adhesives, Wax Modification. Information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Epolene-L630-29L-Branched-Low-Density-Polyethylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.906 g/cc	0.906 g/cc	
Brookfield Viscosity	1800 cP	1800 cP	
	@Temperature 190 °C	@Temperature 374 °F	
	8950 cP	8950 cP	
	@Temperature 125 °C	@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	VCC-099

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

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