

Westlake EC477AA Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

WESTLAKE polyethylene EC477 is a low-density resin designed for applications where high coating speeds and good drawdown are required. This material demonstrates good adhesion to paper, provides a good moisture barrier, and is heat-sealable at low temperatures. Application/Uses Medium and lightweight coatings and laminations Substrate coatings to provide heat sealability Hot melt laminating adhesive General purpose coatings FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EC477AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in ³	ASTM D1505
Melt Flow	16 g/10 min	16 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	8.96 MPa	1300 psi	ASTM D638
Elongation at Break	450 %	450 %	ASTM D638

Processing Properties	Metric	English	Comments
Melt Temperature	302 - 329 °C	575 - 625 °F	

Descriptive Properties	Value	Comments
Process	Coating	
Region	US & Canada	Bamberger Polymers Distribution

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