

Westlake EC474AA Low Density Polyethylene

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

Material Notes:

WESTLAKE low-density polyethylene EC474 is a general-purpose formulation used for extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, has 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-EC474AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	9.65 MPa	1400 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
Tensile Modulus	0.138 GPa	20.0 ksi	ASTM D1709

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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