

Westlake EC4042AA Low Density Polyethylene

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

Material Notes:

WESTLAKE low-density polyethylene EC4042 is a low density resin designed for applications, such as sugar pouches and freezer wrap, where high coating speeds and good drawdown are required. The combination of high melt index and low density also provides good heat seals at high packaging or sealing rates. Application/Uses Food packaging Freezer wrap Frozen food packaging Sugar pouches 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-EC4042AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in ³	ASTM D1505
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 190 °C	10 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.00 MPa	1310 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	300 %	300 %	500mm/min; ASTM D638 Type IV Specimen
2% Secant Modulus	0.235 GPa	34.1 ksi	12.7mm/min; ASTM D790

Processing Properties	Metric	English	Comments
Melt Temperature	149 - 166 °C	300 - 330 °F	

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

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