

Westlake EM1870AA Low Density Polyethylene

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

Material Notes:

WESTLAKE low-density polyethylene EM1870 is used for injection molding applications. It has excellent stress crack resistance for lids. Application/Uses Flexible medical Lids Medical 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-EM1870AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	7.4 g/10 min @Load 2.16 kg, Temperature 190 °C	7.4 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.70 MPa	1410 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	400 %	400 %	500mm/min; ASTM D638 Type IV Specimen

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

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

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