

Westlake EM812AA Low Density Polyethylene

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

Material Notes:

WESTLAKE low-density polyethylene EM812 is a low-density formulation used for injection molding. It is an outstanding material for molding lids and other container closures because it processes easily on automatic molding equipment to produce molded items with excellent gloss, clarity and warpage resistance. Application/Uses 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-EM812AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.909 g/cc	0.0328 lb/in ³	ASTM D1505
Melt Flow	200 g/10 min @Load 2.16 kg, Temperature 190 °C	200 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	6.00 MPa	870 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	100 %	100 %	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	

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