

Westlake LDPE EM812AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

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.

General Information			
Features	High Clarity		
	High Gloss		
	Warp Resistant		
Uses	Medical/Healthcare Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.909	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	200	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	6.21	MPa	ASTM D638
Tensile Elongation ² (Break)	100	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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Recommended distributors for this material

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