

Westlake LDPE EM1870AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EM1870 is used for injection molding applications. It has excellent stress crack resistance for lids.
Em1870AA = 1870A

General Information			
Uses	Lids		
	Medical Devices		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	9.70	MPa	ASTM D638
Tensile Elongation ² (Break)	400	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	
NOTE			
1.	Type IV, 500 mm/min		
2.	Type IV, 500 mm/min		

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