

Westlake LDPE EM800AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EM800 is a general-purpose low-density formulation used for injection molding applications that require good stress-crack resistance.
EM800AA = 800A == 800E
EM800CA = E6838 - 862A

General Information			
Features	Good Crack Resistance		
Uses	Cosmetics		
	Furniture		
	Medical Devices		
	Personal Care		
	Sporting Goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.0	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	200	MPa	ASTM D790
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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