

# Westlake LDPE EC1550AA

Low Density Polyethylene  
Westlake Chemical Corporation

Message:  
WESTLAKE low-density polyethylene EM1550 is a low-density formulation used for injection molding applications.

General Information			
Features	Low Density		
Uses	Lids		
	Medical Devices		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Coating		
	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	11.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	500	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type V, 510 mm/min		

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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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