

Westlake LDPE EC811AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC811 is used for extrusion coating applications. It exhibits good adhesion, low coat weight, and fast heat seals.
EC8011AA = 811E or 811P

General Information	
Features	Good Adhesion
	Heat Sealable
Uses	Coating Applications
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Coating
	Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.916	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	9.00	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Flexural Modulus - 2% Secant ³	172	MPa	ASTM D790
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	

NOTE	
1.	Type IV, 500 mm/min
2.	Type IV, 500 mm/min
3.	13 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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