

# Westlake LDPE EC477AA

Low Density Polyethylene  
Westlake Chemical Corporation

Message:

WESTLAKE polyethylene EC477 is a low-density resin designed for applications where high coating speeds and good drawdown are required. This material demonstrates good arhesive to paper, provides a good moisture barrier, and is heat-sealable at low temperatures.

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

Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	8.96	MPa	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	302 to 329	°C	

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Recommended distributors for this material

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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