

# Westlake LDPE EC808AA

Low Density Polyethylene  
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC808 is a general-purpose formulation used for injection molding, general-purpose extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, has a good moisture barrier, and is heat-sealable at low temperatures.

General Information	
Features	Kosher Approved
	Low Temperature Heat Sealability
Uses	Food Packaging
	Laminates
	Sporting Goods
	Toys
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Coating
	Extrusion Coating
	Injection Molding

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)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break, 23°C)	10.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break, 23°C)	400	%	ASTM D638
Flexural Modulus - 2% Secant <sup>3</sup> (23°C)	207	MPa	ASTM D790
Injection	Nominal Value	Unit	
Processing (Melt) Temp	302 to 329	°C	

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

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