

Westlake LDPE EC474AA

Low Density Polyethylene

Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC474 is a general-purpose formulation used for extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, has good moisture barrier, and is heat-sealable at low temperatures.

General Information	
Features	Good Drawdown Good Processability 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	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	138	MPa	ASTM D638
Tensile Strength (Break)	9.65	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	302 to 329	°C	

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