

Westlake LDPE EC478AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE polyethylene EC478 is a low-density resin recommended for use in boardstock coating. This material has an excellent combination of low neck-in, ease of processing, and good chill-roll release.

General Information	
Features	Low Neck-In
Uses	Coating Applications
	Containers
	Food Containers
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Coating
	Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	11.0	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

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