

Westlake LDPE EC4041AA

Low Density Polyethylene

Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC4041 is recommended for use in the boardstock coating industry. The resin has low neck-in and good drawdown characteristics. Coatings produced from EC4041 have excellent heat-sealing characteristics.

General Information	
Features	Good Drawdown Kosher Approved Low Neck-In
Uses	Non-specific Food Applications
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Coating Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break, 23°C)	13.1	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C)	180	%	ASTM D638
Flexural Modulus - 2% Secant ³ (23°C)	255	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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