

Westlake LDPE EC1924AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC1924 is a resin that is widely used in the boardstock coating industry. This material has an excellent combination of low neck-in, ease of processing, good chill-roll release, low coefficient offriction (COF) (for ease of indexing carton blanks) and good heat sealability. It is characterized by high-speed processability, excellent drawdown and reliable lot-to-lot consistency.

General Information	
Features	Food Contact Acceptable
	Good Drawdown
	Good Processability
	Heat Sealable
	Kosher Approved
Uses	Coating Applications
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 D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break, 23°C)	10.0	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C)	100	%	ASTM D638
Flexural Modulus - 2% Secant ³ (23°C)	310	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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Recommended distributors for this material

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