

Westlake LDPE EC850AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC850 is a resin designed for applications where high coating speeds and good drawdown are required. The combination of high melt index and low density provides good heat seals at high packaging or sealing rates. It also demonstrates good adhesion to paper, provides a good moisture barrier, and is heat-sealable at low temperatures.

General Information	
Features	Good Drawdown
	Good Heat Seal
	Kosher Approved
	Moisture Resistant
Uses	Coating Applications
	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	0.915	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break, 23°C)	9.70	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C)	400	%	ASTM D638
Flexural Modulus - 2% Secant ³ (23°C)	172	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

