

# Westlake LDPE EC4042AA

Low Density Polyethylene  
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC4042 is a low density resin designed for applications, such as sugar pouches and freezer wrap, where high coating speeds and good drawdown are required. The combination of high melt index and low density also provides good heat seals at high packaging of sealing rates.

General Information	
Features	Good Drawdown
	Good Heat Seal
	Kosher Approved
Uses	Coating Applications
	Food Packaging
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Coating
	Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break, 23°C)	9.00	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break, 23°C)	300	%	ASTM D638
Flexural Modulus - 2% Secant <sup>3</sup> (23°C)	235	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

