

# Westlake LDPE EF706AA

Low Density Polyethylene  
Westlake Chemical Corporation

Message:

Westlake EF706AA is a LDPE resin suggested for blown or cast film applications where stiffness and machinability are important.  
Application/Uses  
Cast Film

General Information			
Features	Kosher certification		
	Rigid, good		
	Machinable		
Uses	Blown Film		
	cast film		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	
secant modulus			ASTM D882
1% secant, MD: 51 µm, blown film	165	MPa	ASTM D882
1% secant, TD: 51 µm, blown film	207	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 51 µm, blown film	24.1	MPa	ASTM D882
TD: Broken, 51 µm, blown film	19.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 51 µm, blown film	300	%	ASTM D882
TD: Broken, 51 µm, blown film	600	%	ASTM D882
Dart Drop Impact (51 µm, Blown Film)	170	g	ASTM D1709
Additional Information			
Test specimens for blown film: nominal thickness 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.			
Extrusion	Nominal Value	Unit	
Melt Temperature	193 - 210	°C	
Extrusion instructions			

---

Cast Film Melt Temperature: 520 to 550°F

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

