

# Westlake LDPE EP310

Low Density Polyethylene  
Westlake Chemical Corporation

Message:

WESTLAKE polyethylene EP310 is a low-density polyethylene suggested for cast film bakery applications. This material has outstanding optical and processing properties.

General Information			
Features	Autoclavable		
Uses	Cast Film		
	Film		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	2.2	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	186	MPa	
1% Secant, TD	228	MPa	
Tensile Strength			ASTM D882
MD : Break	23.4	MPa	
TD : Break	22.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	580	%	
TD : Break	750	%	
Dart Drop Impact	100	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	80		ASTM D2457
Haze	3.8	%	ASTM D1003

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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

