

HIFOR® LT74104

Linear Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE Hifor Polyethylene LT74104 is a high strength linear low density polyethylene containing no slip of antiblock. It is designed for blown applications and is well suited for consumer and industrial packaging markets which require good impact and tear strength. Films produced using LT74104 exhibit low imperfections and facilitate production at thinner gauges.

General Information			
Features	Good Impact Resistance		
	Good Tear Strength		
Uses	Film		
	Food Packaging		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	220	MPa	
1% Secant, TD	241	MPa	
Tensile Strength			ASTM D882
MD : Break	50.0	MPa	
TD : Break	39.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	750	%	
TD : Break	1000	%	
Dart Drop Impact	170	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	60		ASTM D2457
Haze	8.0	%	ASTM D1003

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Recommended distributors for this material

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