

HIFOR® LT74105

Linear Low Density Polyethylene

Westlake Chemical Corporation

Message:

WESTLAKE Hifor Polyethylene LT74105 is a high strength linear low density polyethylene containing medium slip and medium antiblock. It is designed for blown film applications and is well suited for customers and industrial packaging markets which require impact and tear strength. Films produced using LT74105 exhibit low imperfections and facilitate production at thinner gauges.

General Information			
Additive	Medium Antiblock		
	Medium Slip		
Features	Good Impact Resistance		
	Good Tear Strength		
	High Strength		
	Medium Antiblocking		
	Medium Slip		
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°)	45		ASTM D2457

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