

# RECLAIR® F 18010

Linear Low Density Polyethylene

Reliance Industries Limited

## Message:

Reclair F 18010 is a Butene comonomer based linear low density polyethylene, without antiblock and slip additives. The grade is designed for manufacturing for lamination film application.

General Information			
Uses	Film		
	Laminates		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,40 µm	12.5	MPa	
TD : Yield,40 µm	12.0	MPa	
MD : Break, 40 µm	38.0	MPa	
TD : Break, 40 µm	30.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm	650	%	
TD : Break, 40 µm	800	%	
Dart Drop Impact (40 µm)	140	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 40 µm	130	g	
TD : 40 µm	410	g	

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## Recommended distributors for this material

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