

Eleme BFY00919

Linear Low Density Polyethylene
Eleme Petrochemical Company Ltd

Message:

With slip & antiblock. Suitable for heavy duty firms for industrial liners, general purpose film, liquid packaging, lamination film etc.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Slip		
Uses	Film		
	Laminates		
	Liners		
	Packaging		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	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
Film Thickness - Tested	25	µm	ASTM D882
Secant Modulus			
MD : 25 µm	220	MPa	
TD : 25 µm	245	MPa	ASTM D882
Tensile Strength			
MD : Yield,25 µm	11.0	MPa	
TD : Yield,25 µm	11.0	MPa	
MD : Break, 25 µm	38.0	MPa	
TD : Break, 25 µm	34.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	800	%	
TD : Break, 25 µm	900	%	
Dart Drop Impact ¹ (25 µm)	3.5	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	5.0	g	
TD : 25 µm	8.0	g	
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	98.0	°C	ASTM D1525 ²
NOTE			
1.	F50, 3.8 cm dart, 66 cm drop height		
2.	Loading 1 (10 N)		

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