

Eleme BFG00919

Linear Low Density Polyethylene
Eleme Petrochemical Company Ltd

Message:
No slip. Stretch wrap, lamination, co-extrusion, etc

General Information			
Uses	Film		
	Laminates		
	Stretch Wrap		
Processing Method		Coextrusion	
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	276	MPa	ASTM D882
Tensile Strength			
MD : Yield,25 µm	11.0	MPa	
TD : Yield,25 µm	11.0	MPa	ASTM D882
MD : Break, 25 µm	53.0	MPa	
TD : Break, 25 µm	35.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	350	%	
TD : Break, 25 µm	850	%	
Dart Drop Impact ¹ (25 µm)	3.2	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	1.2	g	
TD : 25 µm	26	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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