



DATA SHEET				
ALTOFLEX® LLDPE 118C				
Description: Linear Low density polyethylene.				
Applications:				
• General purpose packaging		• Heavy duty sacks		
• Food packaging film		• Agricultural film		
Additives:				
• Antiblock	Yes	• Slip	Yes	
Resin Properties		Method	Typical Value	
Density		ASTM D792	0.918	g/cm ³
Melt Index, 190°/2.16 kg		ASTM D1238	1.00	g/10 min
Film Properties		Method	Typical Value	
Tensile Strenght at Yield:				
	MD	ASTM D882	10.20	MPa
	TD		11.45	MPa
Tensile Strenght at Break:				
	MD	ASTM D882	42.50	MPa
	TD		32.20	MPa
Tensile Elongation at Break:				
	MD	ASTM D882	580	%
	TD		510	%
1 % Secant Modulus				
	MD	ASTM D882	185	MPa
	TD		195	MPa
Elmendorf Tear				
	MD	ASTM D1922	125	g
	TD		400	g
Dart Drop Impact Strength		ASTM D1709A	110	g
Puncture Force		ASTM F1306	3.40	N
Puncture Energy		ASTM F1306	0.025	J

Procesing Statement: BLOWN FILM, 1mil, 3In of die diameter, 2.5:1 BUR, 190°C melt temperature, 1.5 , die gap, 1.79 kg/hr/cm rate

Typical properties: These are not to be construed as specifications.

Disclaimer: Information in this document is accurate to the best of our knowledge at the date of publication. Users will determine whether the product is suitable for their use.

Effective date: 29/05/2023