



DATA SHEET				
ALTOFLEX® LLDPE SH102.18S				
Description: Super Hexene Linear Low Density Polyethylene.				
Applications:				
• General puropse packaging		• Heavy duty sacks		
• Stretch hood		• Agricultural film		
Additives:				
• Antiblock	No	• Slip	No	
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		10.00 MPa
TD				10.00 MPa
Tensile Strenght at Break:				
MD		ASTM D882		60.00 MPa
TD				55.00 MPa
Tensile Elongation at Break:				
MD		ASTM D882		550 %
TD				650 %
1 % Secant Modulus				
MD		ASTM D882		170 MPa
TD				180 MPa
Elmendorf Tear				
MD		ASTM D1922		220 g
TD				370 g
Dart Drop Impact Strength		ASTM D1709A		550 g
Optical Properties		Method		Typical Value
Haze		ASTM D1003		19 %

Processing Statement: BLOWN FILM, 25 µm, 2.5:1 BUR,

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: 08/03/2024