



DATA SHEET

ALTOFLEX® LLDPE 218S

Description: Linear Low density polyethylene.

Applications:

- Bags and Pouches
- Food packaging film
- Heavy duty sacks
- 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	2.00	g/10 min
Film Properties	Method	Typical Value	
Tensile Strenght at Yield:			
MD	ASTM D882	10.00	MPa
TD		1100	MPa
Tensile Strenght at Break:			
MD	ASTM D882	32.00	MPa
TD		23.80	MPa
Tensile Elongation at Break:			
MD	ASTM D882	660	%
TD		710	%
1 % Secant Modulus			
MD	ASTM D882	220	MPa
TD		248	MPa
Elmendorf Tear			
MD	ASTM D1922	170	g
TD		400	g
Dart Drop Impact Strength	ASTM D1709A	<60	g

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