



DATA SHEET

ALTOFLEX® LLDPE 318S

Description: Ethylene 1-hexene linear low density polyethylene.

Applications:

- **Cast stretch film**
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Additives:

- Antiblock No • Slip No
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Resin Properties	Method	Typical Value	
Density	ASTM D792	0.918	g/cm ³
Melt Index, 190°/2.16 kg	ASTM D1238	3.2	g/10 min
Film Properties	Method	Typical Value	
Tensile Strenght at Break:			
MD	ASTM D882	39	MPa
TD		23	MPa
Tensile Elongation at Break:			
MD	ASTM D882	480	%
TD		735	%
1 % Secant Modulus			
MD	ASTM D882	168	MPa
TD		178	MPa
Elmendorf Tear Strength			
MD	ASTM D1922	308	g
TD		762	g
Dart Drop Impact Strength	ASTM D1709	104	g
Optical Properties	Method	Typical Value	
Haze:	ASTM D1003	1.4	%
Gloss, (45°)	ASTM D2457	75	%

Procesing Statement: CAST FILM 0.8 mil extruded at 235°C melt temperature

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