



DATA SHEET

ALTOFLEX® LLDPE 425S

Description: Linear Low density polyethylene.

Applications:

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|--|----------------------------|
| • Cast Film | • Cast Stretch Film |
| • Form, Fill and Seal Packaging | • General Packaging |
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Additives:

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|-------------|----|--------|----|
| • Antiblock | No | • Slip | No |
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Resin Properties	Method	Typical Value	
Density	ASTM D1505	0.925	g/cm ³
Melt Index, 190°/2.16 kg	ASTM D1238	3.50	g/10 min
Film Properties	Method	Typical Value	
Tensile Strenght at Break:			
MD	ASTM D882	32.40	MPa
TD		21.40	MPa
Tensile Elongation at Break:			
MD	ASTM D882	700	%
TD		800	%
1 % Secant Modulus			
MD	ASTM D882	213.7	MPa
TD		248.2	MPa
Elmendorf Tear			
MD	ASTM D1922	60	g
TD		300	g
Dart Drop Impact Strength	ASTM D1709	90	g
Haze	ASTM D1003	4.00	%
Gloss @ 45°	ASTM D2457	88	

Procesing Statement: CAST FILM, 1mil, 13 lbs/die inch, @275 °C melt temperature and 21°C chill roll 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: 09/11/2023