



DATA SHEET

ALTOFLEX® LDPE 0921

Description: LDPE resin tailored for premium high clarity with strength and stiffness. This product also exhibits good impact and strength in film

Applications:

- Textile packaging
- Food packaging
- High clarity film

Additives:

- Antiblock 1500 ppm
- Slip 750 ppm

Resin Properties		Method	Typical Value	
Density		ASTM D792	0.921	g/cm ³
Melt Index, 190°/2.16 kg		ASTM D1238	1.80	g/10 min
Film Properties		Method	Typical Value	
Tensile Strenght at Yield:				
	MD	ASTM D882	10.30	MPa
	TD		10.90	MPa
Tensile Strenght at Break:				
	MD	ASTM D882	27.30	MPa
	TD		23.20	MPa
Tensile Elongation at Break:				
	MD	ASTM D882	300	%
	TD		495	%
1 % Secant Modulus				
	MD	ASTM D882	178	MPa
	TD		205	MPa
Elmendorf Tear				
	MD	ASTM D1922	350	g
	TD		200	g
Dart Drop Impact Strength		ASTM D1709A	90	g
Optical Properties		Method	Typical Value	
Haze		ASTM D1003	5	%
Gloss (45°)		ASTM D2457	70	

Processing Statement: BLOWN FILM, 1.25 mil, 8" die, 2:1 BUR, 191°C melt temperature, 0.025" die gap, 130 lb/hr 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