

Introducing Linear Low/Low Density Polyethylene Blend Film

Clear LLDPE/LDPE blend is the most popular film manufactured by Automated Packaging Systems, and is available in either Autobag® or SidePouch® configurations. Its strength and clarity make it ideal for many industrial, retail and hardware applications.

This material is also available in white, clear-white, clear-black and clear-grey combinations. We also have a range of other masterbatch colours available. Please ask us for details.



Standard Features

Press Printing	Yes
Printing	Yes
Trim Seal	Yes
Bag Thickness	35 - 100µm
Machine compatibility	Autobag, SidePouch

Typical Applications

- Hardware
- Electronics
- Health & Beauty
- Retail
- Mail Order Fulfillment

Specification

Technical Properties	Units SI	Values	Test methods
Polymer Properties			
Melt flow rate (MFR) at 190°C and 2.16kg	g/10 min	1.9	ISO 1133
Density	Kg/m3	921	ISO 1183 (A)
Optical Properties			
Gloss	%	53	ASTM D 2457
Haze	%	10	ASTM D 1003A
Clarity	mV	26	SABIC method
Film Properties			
Impact Strength	kJ/m	20	ASTM D 4272
Tear Strength TD	kN/m	25	ISO 6383-2
Tear Strength MD	kN/m	70	ISO 6383-2
Tensile test film			
Yield stress TD	MPa	11	ISO 527-3
Yield stress MD	MPa	11	N/A
Stress at break TD	MPa	17	N/A
Stress at break MD	MPa	30	N/A
Strain at break TD	%	> 500	N/A
Strain at break MD	%	> 100	N/A
Modulus of elasticity TD	MPa	190	N/A
Modulus of elasticity MD	MPa	190	N/A
COF	N/A	>1.0	ASTM D 1894
Film Properties			
Vicat softening temperature			
At 10N (VST/A)	°C	91	ISO 306

The above chart reflects normal test values on flat film. Actual results may fluctuate due to inherent process variation. Technical specifications may be subject to change.



BPM
90
100
110
120
130
140
150

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