

Low Density Polyethylene (CLE)

Clear Low Density Polyethylene (CLE) is one of the most common packaging films due to its clarity and flexibility. The properties of CLE enable more features to be added to the bag, such as resealable tape, vent holes, compartments, and more. CLE also has excellent printing characteristics, making it ideal for retail applications.

CLE is also available in white (WHT) and clear-white-combination bags (CWT), adding even more flexibility for industrial, wholesale and medical applications.

Genuine Autobag® bags-on-a-roll and SidePouch® bags-in-a-box are system-matched and guaranteed to run on Automated Packaging Systems' equipment.

Technical Information

Compliances	FDA 21 CFR 177.1350 FDA 21 CFR 177.1520 MIL-DTL-117H TYPE III CLASS B (ST only)
Press Printing	Yes
Imprinting	Yes
Trim Seal	Yes
Bag Mil Thickness	1.5, 2.0, 3.0, 4.0
Bag Configurations	Autobag; SidePouch with restrictions

Performance Data:	U/M	1.5/LD	2.0/SD	3.0/ET	4.0/ST	ASTM
Haze	%	7.54	8.94	11.9	15.4	D-1003
Puncture Resistance (Dart)	grams	130	165	265	460	D-1709
Tensile Strength MD	psi	4155	3843	3532	3154	D-882A
Tensile Strength TD	psi	3109	3071	2966	2752	D-882A
Elongation MD	%	383	445	621	652	D-882A
Elongation TD	%	624	648	755	756	D-882A
Elmendorf Tear MD	grams	229	297	529	646	D-1922
Elmendorf Tear TD	grams	807	947	1302	1609	D-1922
OTR	cc/100in ² /day	292	249	161	105	D-3985
MVTR	g/100in ² /day	0.6	0.48	0.31	0.22	F-1249

Formulations

- CLE
- WHT
- CWT



Features & Benefits

- Good clarity
- Printable in up to 10 colors
- Extremely versatile



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect CLE material only. Certain minimum purchase volumes may apply.

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Patent(s): www.autobag.com/patents

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