

## Clear Poly – Low Density Polyethylene (CLE)

Clear Poly is a high clarity, low density film ideal for retail or other graphic sensitive markets. Its strength and clarity also make CLE perfect for several industrial applications.

Clear Poly is available in clear, white, clear/white combo and clear/black combo.

Polyrol pre-opened bags on a roll are guaranteed to run on most industry standard equipment.



### USER BENEFITS

- Easily processed
- Versatility
- Good clarity and strength

### TYPICAL APPLICATIONS

- Automotive
- Medical
- Food
- Crafts
- Any application where superior clarity is required

### TECHNICAL SPECIFICATIONS

**Compliances:** FDA 21 CFR 177.1350 (CLE/CBLK only)  
FDA 21 CFR 177.1520 (CLE only)  
MIL-DTL-117H TYPE III Class B (ST ONLY)

**Press Printing:** Yes

**Imprinting:** Yes

**Mil Thickness:** 1.5, 2.0, 3.0, 4.0

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 <sup>2</sup> /day	292	249	161	105	D-3985
MVTR	g/100in <sup>2</sup> /day	0.6	0.48	0.31	0.22	F-1249



Above 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.