

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

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