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PC-1 PETG Film Datasheet

Description

PC-1 is a clear blue-cast utility grade material made from 100% reprocessed PETG.

Specifications

Specific Gravity:	1.27 g/cm ³
Heat Deflection Temperature:	165 °F (~74 °C)
Gauges:	0.175mm through 1mm
Widths:	24", 26" and any custom width up to 54"
Silicone Coating:	Available (single-sided or double-sided)
Standard Packaging:	3" core, approx. 100 lb. net per roll, paper outer packing. Custom packaging options also available.

Characteristics and Application

- The addition of glycol prevents polymer crystallization. PETG will not develop a crystalline whitening haze and therefore provides a broader forming temperature window than PET.
- Affordable, odor-free, tough and with good clarity. Also possesses excellent chemical resistance and crush resistance.
- Can be vacuum-formed at lower temperature than other plastics without the need to pre-dry the film. Forms clear and strong bonds can be created with commercially available cements and solvents. Accepts screen-printing, painting and hot-stamping easily.
- Excellent general thermoforming material for blisters, clamshells, tri-folds and trays. Just take note to avoid sharp corners, tight radius, large flat surface or too intricate molds.
- As a reprocessed utility grade material there will be some variation from lot to lot. Material may also contain small gels.