

Crystal-clear, tough PETG that forms deep draws without whitening — for guards, displays, medical and orthotic applications.

Typical properties

Property	Typical value	Test method
Specific gravity	1.27 g/cm³	ASTM D792
Tensile strength @ yield	50 MPa	ASTM D638
Elongation @ break	> 100 %	ASTM D638
Flexural modulus	2100 MPa	ASTM D790
Notched Izod @ 23 °C	85 J/m	ASTM D256
Light transmittance	~ 90 %	ASTM D1003
Vicat softening point	83 °C	ASTM D1525

Key features

- ✓ High clarity with deep-draw toughness
- ✓ Forms without pre-drying or whitening
- ✓ Good chemical resistance
- ✓ Easy to die-cut, bond and print
- ✓ Food-contact and medical grades available

Typical applications

Machine guards & sight windows · Retail displays & sign holders · Medical device housings · Orthotics & prosthetics · Thermoformed trays & packaging

Supply range

Thickness: 0.5 – 6 mm · **Width:** up to 2000 mm · Sheets, rolls or cut-to-size · Colour-matched to Pantone / RAL · Textured or gloss finishes

Values shown are typical of the grade and are provided for guidance only — they are not specifications. Properties vary with gauge, colour and processing. Please confirm final values against your application at DFM review; COA / MTC supplied with production.