PETG

SPECTAR® / VIVAK®

PETG is a transparent thermoplastic sheet material with outstanding thermoformability and good impact resistance. PETG is an excellent choice for applications that require durability, deep draw thermoforming, and clarity.

Sheffield Plastics Inc.
A Bayer MaterialScience Company

SPARTECH

KEY CHARACTERISTICS:

- Outstanding thermoforming characteristics, particularly in deep draw applications
- Does not usually require drying prior to thermoforming
- Good impact resistance
- Clear
- Lower cost alternative to polycarbonate
- Less brittle than acrylic
- Easy to fabricate
- Resistant to common cleaners used on point of purchase display
- Allows for rapid thermoforming cycle times
- Brake formable (up to 0.080" thickness)
- FDA compliant grades available
- Also available as mirror

APPLICATIONS:

- Signs
- Sign and graphic holders
- Point of purchase displays
- Merchandisers
- Table top displays
- Table tents
- Product displays
- Trays

PETG TYPICAL PROPERTIES:

	UNITS	ASTM TEST	PETG
Tensile strength	psi	D-638	7,700
Flexural modulus	psi	D-790	310,000
Izod impact (notched)	ft-lbs/in of notch	D-256	1.7
Heat deflection temperature @264 psi	°F	D-648	157
Maximum continuous service temperature in air	°F		-
Water absorption (immersion 24 hours)	%	D-570	0.20
Coefficient of linear thermal expansion	in/in/°Fx10^{-5}	D-696	3.8

Standard Sizes: SHEET: 48"x96" (0.03"-0.5" thick)

Length, width, thickness, and diameter tolerances vary by size and by manufacturer • Custom sizes and colors available upon request • Many of our materials are available as films with thicknesses of 0.029" or less. Values may vary according to brand name. Please ask your Curbell Plastics representative for more specific information about an individual brand.

Curbell Plastics has been supplying plastic sheet, rod, tube, films, adhesives, sealants, and prototyping materials for over 65 years

CURBELL PLASTICS
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