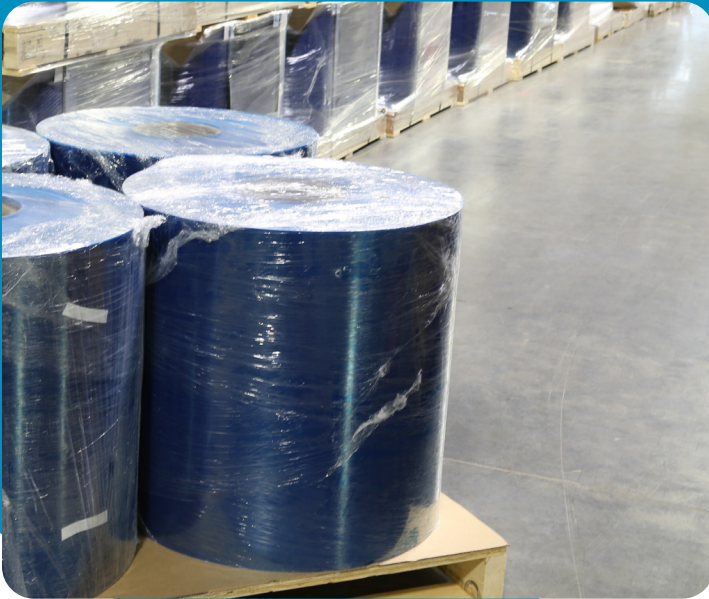


CP300

PETG Copolyester






QUALITY CUSTOM PLASTIC SHEET



CP300 is a clear, medical grade PETG with a traditional silicone release agent. Its ease of forming and trimming make it the workhorse material for rigid medical device packaging.

MATERIAL ATTRIBUTES:

-  FDA and USP Class VI compliant
-  Compatible for sterilization via GAMMA, E-Beam and EtO
-  High clarity

RESIN PROPERTY	UNIT	VALUE	ASTM METHOD
Specific Gravity		1.27	D1505
Heat Distortion Temperature	°F	158	D1525
Notched Izod Impact	ft-lb/in	1.9	D256
Flexural Modulus	psi	290,000	D790
Elongation @ Break	%	100	D882
Haze	%	4.8	D1003
Light Transmission	%	83	D1003

SHEET PROPERTY	UNIT	VALUE	ASTM METHOD
Specific Gravity		1.265	D792-13
Vicat Softening Temperature	°F	185	D1525-09
Dart Impact Resistance	joule	10.6	D3763-15
Flexural Stress	psi	12,921	D790
Flexural Strength- Max Load	lbs	4.0	D790
Tensile Strength @ Break	psi	6,599	D638-14
Tensile Strain @ Break	%	298	D638-14

STANDARD CAPABILITIES	
Color	Clear
	Blue Tint
	Custom Colors
Gauge/Thickness	Minimum - .015"
	Maximum - .050"
Surface Finish	Gloss
	Gloss
Roll Width	Minimum - 2.5"
	Maximum - 58"
Roll Diameter	Minimum - 18"
	Maximum - 48"
Core Size	3" or 6"
Options	Silicone - 1 side only

PETG

Polyethylene terephthalate glycol (PETG) is the most widely used material in rigid medical packaging. PETG delivers excellent chemical resistance, impact resistance and is easy to form and trim. PETG is selected for its innate ability to withstand the toughest environmental conditions. The material's high clarity allows the consumer to see through the package and confirm all sterile medical equipment is accounted for.

DISCLAIMER:

All listed technical data are typical values intended for your guidance. Final testing and fitness for use are determined by the end customer and intended use. GOEX encourages customers to conduct their own test to determine physical properties.

