

MEDPET® 90





Medical-Grade Polyester



QUALITY CUSTOM PLASTIC SHEET

MEDPET 90 is a high-performance APET specifically developed for use in rigid medical thermoforming and Form, Fill & Seal (FFS) applications. Bringing superior mechanical and thermal properties, while maintaining fantastic clarity, MEDPET 90 rivals the performance of traditional PET and PETG options. Designed to be a drop-in solution, MEDPET 90 can be formed on traditional PETG tooling with a broader thermoforming processing window.

MATERIAL ATTRIBUTES:

-  USP Class VI, FDA compliant
-  Compatible for sterilization via GAMMA and EtO
-  #1 Recyclable
-  High clarity

SHEET PROPERTY (.030")	UNIT	DIRECTION	VALUE	ASTM METHOD
Tensile Modulus	psi	MD	260,406	D882
		TD	254,270	
Tensile Strength	psi	MD	8,376	D882
		TD	7,985	
Breaking Factor	lbf/in	MD	311	D882
		TD	377	
Flexural Modulus	psi	MD	478,851	D790
		TD	492,067	
Puncture Max Force	lbf/in	n/a	59.41	F1306
Puncture Energy	lbf/in	n/a	11.20	F1306
Dart Drop Impact	lbf/in	n/a	2.8	D5420

POLYESTER

GOEX offers Polyester-based products, specifically designed to bring cost-effective solutions to the medical packaging market. PET based materials are widely used in thermoforming applications and have often been used for applications not requiring a seal layer. Through product development and innovation, GOEX has overcome these challenges and is pleased to provide a Polyester product option that seals with traditional lid stock.

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.

STANDARD CAPABILITIES	
Color	Clear
	Blue Tint
Gauge/Thickness	Minimum - .009"
	Maximum - .050"
Surface Finish	Gloss
	Gloss
Roll Width	Minimum - 5"
	Maximum - 58"
Roll Diameter	Minimum - 18"
	Maximum - 40"
Core Size	3" or 6"

