



Polyethylene Terephthalate (PET)

PET

Density	84.2 – 87.36 lb/ft ³
Tensile Strength	8,000 – 12,000 psi
Modulus	350,000 – 450,000 psi
Thermal Conductivity	0.0867 – 0.1446 BTU/hr-ft-F°
Mold Shrinkage	0.007 – 0.008 in/in
Vicat Softening Point	165 - 180° F
Specific Heat	0.25 – 0.30 BTU/lb°F
Safe Operating Temperature Range	-15°F to 120°F (APET) & -15°F to 400°F (CPET)

Polyethylene Terephthalate or PET, comes in two forms at Genpak. Crystallized (CPET) and Amorphous (APET). CPET, as its name implies has been crystallized so that it can withstand temperatures up to 400° F. We convert this material into our [Oven Ready Bakery](#) and [Oven Ready Food Tray](#) products. These items are very popular with bakeries and food processors who recognize the cost saving benefits of this material. By simply snapping on a crystal clear lid, these pans go from the oven to the freezer and on to display saving time and money in additional handling.



Our most popular APET product line are our [Hinged Deli Containers](#), but we also do [Hinged Bakery Containers](#), [Supermarket Containers](#), [Hinged Food Containers](#), [Cold Drink Cups](#) as well as



many different styles of lids for varying product categories. All of our APET products are produced with up to 30% post-consumer recycled content and are all #1 curbside recyclable so they have a very nice environmental story to tell.

Due to its versatility, PET is a fast growing material that we convert into convenient and useful products for our valued customers. We also have the ability to produce many custom products to fit specific needs. [Email us today](#) to find how Genpak can become **Your Food Packaging Company!**