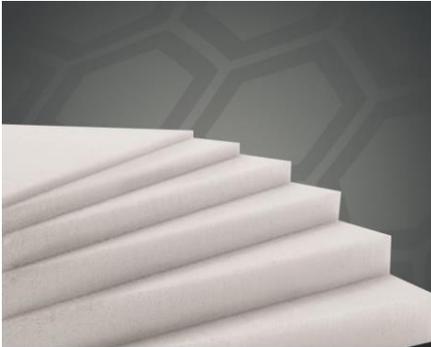


**POLYETHYLENE
THEREPHTHALATE (WELDED)
Foam**



PET Foam has been a reliable source to replace balsa and environmentally unfriendly produced cores. It is made from recycled materials which makes it very appealing.

PET can mimic the strength to weight ratio of traditional wood core without the inherent deteriorating issues.

All traditional thickness available. Sheet sizes 40” x 96”

Properties	Test method		GR70	GR80	GR100	GR115	GR135	GR150	GR200	GR250
Nominal density	ISO 845	lb/ft3	4.4	5	6.2	7.2	8.4	9.4	12.5	15.6
Compressive strength	ISO 844	psi	110	140	220	260	335	375	520	725
Compressive modulus	ISO 844	psi	5800	8265	10150	11600	13050	15225	22765	30450
Shear strength	ISO 1922	psi	75	80	110	130	175	205	260	275
Shear modulus	ISO 1922	psi	1885	2175	2900	3625	5075	5800	7250	10150
Shear strain	ISO 1922	psi	15	15	10	10	7	7	5	3
Tensile strength	ASTM C 297	psi	260	305	350	390	435	495	640	665
Tensile modulus	ASTM C 297	%	9570	10875	15225	17400	20300	27550	33350	34800
Thermal conductivity	@ 73.4 F	BTU. in/FT2.hr	0.236	0.236	0.236	0.236	0.257	0.284	0.298	0.326

Dimensions	Length	Width	Diagonal	Thickness
Inches +/- .2	96.38	39.68	Depends on l x w	GR70-GR80: .39 - 5.9" GR100-GR250: .2 - 5.9"

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