

TG Compound

TPO Compact Sheet

Description: TPO compact sheet typically 35-47 mil (0.9-1.2 mm). Single-ply calendered sheet clear-coated for gloss control and surface durability.

Typical Applications: Instrument Panel

Typical Processes: Positive or negative (IMG) vacuum-form/foam-in-place PUR

Property		Typical Results	Units	Test Method
Elongation	MD	>300	%	ASTM D412
	CD	>300		
Tensile Strength	MD	>8	MPa	ASTM D412
	CD	>8		
Tear Strength	MD	>50	kN/m	ASTM D1004
	CD	>50		
Hardness		Various Versions Available	Shore A	ASTM D2240
Thickness		Target ± 0.001	Inches	SAE J882
Specific Gravity		0.91 ± 0.02	SG	ASTM D792
Cold Impact		No Cracks	2.5 J impact @ -30°C	GMW14127-B
Heat Resistance		≥ 3 after 336 h @ 110°C	AATCC Grey Scale	ASTM E145
Accelerated Light Aging		≥ 3 after 1240 kJ/m ²	AATCC Grey Scale	SAE J2412
Fogging		> 80	%	SAE J1756
Flammability		< 100	mm/minute	FMVSS 302

The above properties do not constitute a warranty or specification. Test values are based on material conditioned and tested in a controlled laboratory environment using established standards and procedures. Properties may vary based on embossed grain, color, multi-ply laminate construction and other variables.