

## FI Compound

## Flexible PVC Compact Sheet

**Description:** Embossed vinyl compact sheet, typically 12-16 mil (0.3-0.4 mm). Calendered to color with gravure-coated topcoat for gloss control and surface durability.

**Typical Applications:** Automotive sun visors

**Typical Processes:** RF welding, dielectric sealing

Property		Typical Results	Units	Test Method
Elongation	MD	>200	%	ASTM D412
	CD	>200		
Tensile Strength	MD	>12	kN/cm	ASTM D412
	CD	>12		
Tear Strength	MD	> 50	kN/m	ASTM D1004
	CD	>50		
Hardness		90 ± 5	Shore A	ASTM D2240
Thickness		Target ± 0.001	Inches	SAE J882
Specific Gravity		1.27 ± 0.02	SG	ASTM D792
Cold Resistance		No Cracking or Cracking	1.5 J impact @ -30°C	GMW14127-B
Heat Resistance		≥ 3 after 72 h @ 93°C	AATCC Grey Scale	ASTM E145
Accelerated Light Aging		≥ 3 after 601 kJ/m <sup>2</sup>	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.