

## IA Compound

## Flexible PVC Clear Press Polished Sheet

**Description:** Optically clear press polished single or double ply sheets, typically 20-50 mil (0.5-1.3 mm). Also available in charcoal, gray and other tints.

**Typical Applications:** Soft windows for automotive and marine applications as well as various other applications including protective masks and exterior signage.

**Typical Processes Supported:** RF welding, dielectric sealing, cut & sew.

Property		Typical Results	Units	Test Method
Elongation	MD	>300	%	ASTM D412
	CD	>300		
Tensile Strength	MD	>22	MPa	ASTM D412
	CD	>22		
Tear Strength	MD	>500	ppi	ASTM D1004
	CD	>500		
Haze		<3	%	ASTM D1003
Durometer (Hardness)		90 ± 5	Shore A	ASTM D2240
Luminous Transmittance		>80 (for clear vinyl)	%	ASTM D1003
Thickness		Target ± 0.001	Inches	SAE J882
Low Temperature Flexibility		No Cracks	-23°C	SAE J323, Meth. A
Volatile Loss		<1	%	CLP4633DD-04-01
Chemical Resistance		Pass	NA	ANSI Z26.1, Test 19 & 20
Xenon Weathering		>95	% clarity retention	ANSI Z26.1, Test 16
Burn Rate		Non-Sustaining Flame	NA	ANSI Z26.1, Test 23

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.