

PW Compound

Flexible Polyolefin Alloy (POA) Sheet

Description: Single-ply unsupported calendered POA film, typically 0.010" (0.25 mm) thick

Typical Applications: Commercial Wallcovering

Typical Processes Supported: Lamination

Property	Typical Results	Units	Test Method
Elongation	>600	%	ASTM D882
Tensile Strength	>2500	psi	ASTM D882
Tensile Modulus @ 50%	>800 – 1000	psi	ASTM D882
Tear Strength	70	ppi	ASTM D1004
Thickness	Target ± 0.001	Inches	SAE J882
Flammability	Flame = 25 Smoke = 15	ASTM E84	ASTM E84
Low Temperature Impact	pass @ -50	°F	ASTM D1790
Dimensional Stability	1.0	%	Fed Spec CCC-W-408D
Mold Growth	1 (no growth)	ASTM G21	ASTM G21
Specific Gravity (color dependent)	<1.0	SG	ASTM D792

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.