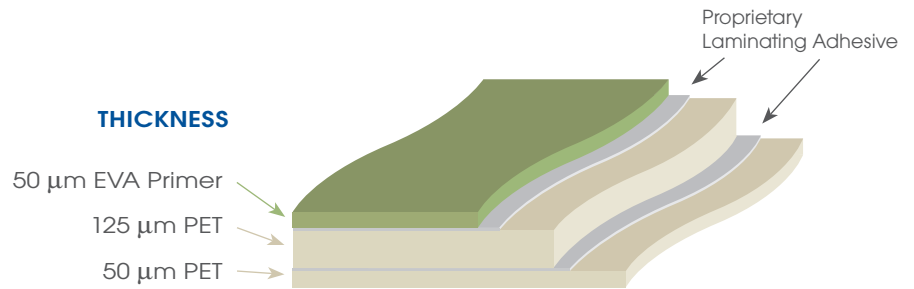


**PPE-9M** (PET / PET / EVA Primer)

- > 9 mil thickness
- > PET based backsheet
- > Hydrolysis resistant
- > UV stable
- > EVA primer for improved bond strength



PROPERTIES	METHOD	UNIT	VALUE
Laminate Thickness		μm	245 ± 5%
Weight		g/m <sup>2</sup>	320 ± 5%
Tensile Strength (MD)	ASTM D882	MPa	177
Tensile Strength (TD)	ASTM D882	MPa	216
Elongation at Break (MD)	ASTM D882	%	205
Elongation at Break (TD)	ASTM D882	%	125
Dimensional Stability (MD)	ASTM D1204	%	0.9
Dimensional Stability (TD)	ASTM D1204	%	0.3
Interlayer Peel Strength (PET/PET)	ASTM D1876	N/cm	**
Encapsulant Peel Strength	ASTM D1876	N/cm	>92*
MVTR (37.8°C / 100% RH)	ASTM F1249	g/m <sup>2</sup> day	3.1
Breakdown Voltage	ASTM D149	kV	16
Maximum System Voltage	IEC 60664-1	VDC	>850

\* Exceeds maximum force of peel tester

\*\* Laminating adhesive bond strength exceeds that of 50 μm PET



- The data above are based on both internal and third party testing. They are representative and are provided for comparison purposes only.
- Other thicknesses are available upon request.

Commonwealth Laminating & Coating, Inc. (CLC) is a world-class manufacturer of high performance, precision coatings on flexible film substrates and laminates. With a core competence in materials science, CLC offers unique and innovative solutions for the renewable energy products industry.

345 Beaver Creek Drive  
Martinsville, VA 24112  
276.632.4991  
[www.commonwealthlaminating.com](http://www.commonwealthlaminating.com)

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