

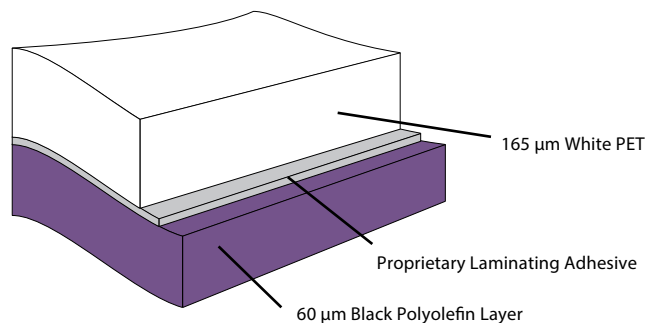
# PhotoMark® PPE225WB Datasheet

## Fluorine-free Backsheets

### MATERIAL COMPOSITION

TEST:	RESULTS:
Thickness	225 µm
Width Range	Up to 1016 mm
Weight	301 g/m <sup>2</sup>
Density	1.34 g/cm <sup>3</sup>
Outer Layer Color (air side)	White
Polyolefin Color Options (cell side)	Black

PET / POLYOLEFIN



### TECHNICAL CHARACTERISTICS

TEST:	TEST SPECIFICATION(S):	RESULTS:
Tensile Strength at Break (MD/TD)	Internal Testing -Data Available	130 MPa (MD) / 185 MPa (TD)
Elongation at Break (MD/TD)	Internal Testing -Data Available	80% (MD) / 50% (TD)
Dimensional Stability	150°C for 30 min; Internal Testing -Data Available	≤ 0.5%
Polyolefin Peel Strength from Encapsulant	Internal Testing -Data Available	≥ 90 N/cm
Peel Strength of Layers	PET/Polyolefin	≥ 40 N/cm Destructive
MVTR	ASTM F1249	≤ 2.0 g/m <sup>2</sup> per day

### ELECTRICAL INSULATION TESTING PERFORMANCE

TEST:	TEST SPECIFICATION(S):	RESULTS:
Distance Through Insulation (DTI)	IEC-62788	≥165 µm

This product is covered by one or more U.S. patents and pending U.S. and other patent applications.  
Typical Data -Not Specification

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