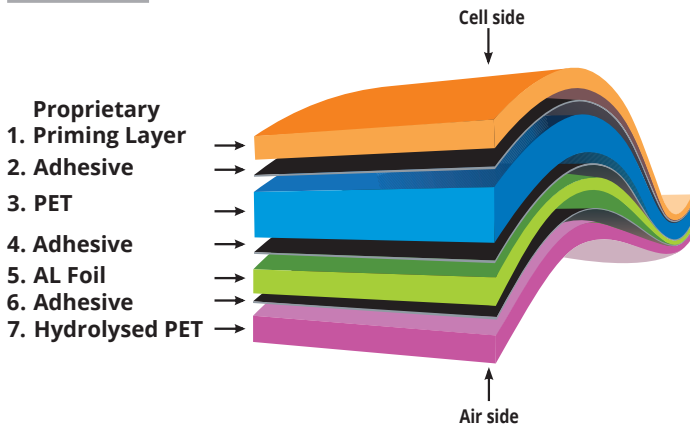


PRESERV AL - KN

'PRESERV AL - 150 KN' is a Polyester and Aluminium foil based, UV and weather stable Backsheet, with air side White and cell side Black appearance.

'PRESERV AL - 150 KN' has been specially designed for moisture - sensitive high efficiency crystalline, Heterojunction and Thin - Film PV Modules.

STRUCTURE



PROPERTIES - PRESERV AL - 150 KN

| Particulars | Test Method | Unit | Description | Values |
|------------------------------------|---------------|--------------------------|---|-------------------|
| Thickness | Micrometre | µm | | 353 |
| Width | Scale | mm | | Up to 1310 |
| Tensile Strength @ max load | ASTM D 882 | MPa | MD TD | ≥90 ≥90 |
| Elongation @ break | ASTM D 882 | % | MD TD | ≥90 ≥90 |
| Thermal Shrinkage @ 150°C, 30 min. | ASTM D 1204 | % | MD TD | < 1.5 < 0.5 |
| Interlayer Adhesion Strength | ASTM D 903 | N/cm | HPET/AL Foil AL Foil/PET PET/PRIMER | > 5 > 5 > 5 |
| Adhesion Strength with Encapsulant | ASTM D 903 | N/cm | Backsheet / EVA | > 70 |
| WVTR | ASTM F 1249 | g/(m ² - day) | | 0 |
| Dielectric Strength | ASTM D 149 | kV | | >20 |
| System Voltage | IEC 61730 - 1 | VDC | | ≥1000 |
| **Relative Thermal Index | UL 746B | °C | | 125 |

Width: Up to 1000 mm - all sizes available. Sizes >1000 mm - make to order

** Derived from Hydrolysed PET

Packing Unless specified, below is the standard packing of 'PRESERV'

- # Length/Roll: 180 or 230 metres | # No. of Rolls/Pallet: 9
- # Total Linear Metres/Pallet: 1620 or 2070
- # Each roll is wrapped with polyethylene sheet
- # Rolls are palletize vertically placed with top and bottom lid

Note : The above technical information represents the typical range of properties and is believed to be correct as on date. However, this data should not be used to establish specification limits or used as basis for design. Lamination parameters and Quality of other components of the laminate during module manufacturing impact on the overall performance of the module, and hence we recommend the user to carry out intensive trials to test suitability of this product and module laminating conditions. RenewSys gives no warranty and assumes no liability on connection with any use of this information and is subject to the RenewSys general terms and conditions.



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