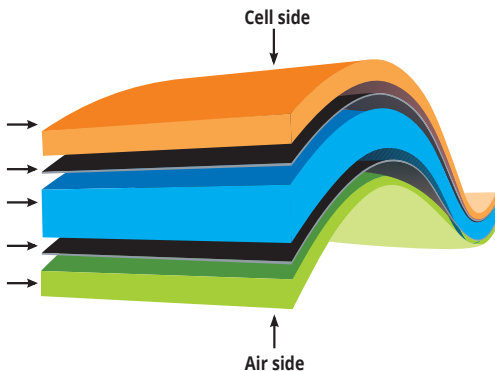


## PRESERV E2 - N

'PRESERV E2 - N' is a Non-fluoro based UV and weather stable White insulation sheet. PRESERV E2 - 190 WN/125 WN can be used as electrical insulator in between Ribbons and Bus Bars in PV Module fabrication.

### STRUCTURE

1. Proprietary Priming Layer
2. Adhesive
3. PET
4. Adhesive
5. Proprietary Priming Layer



## PROPERTIES - PRESERV E2 - WN

| Particulars                         | Test Method | Unit | Description              | 190 WN         | 125 WN         |
|-------------------------------------|-------------|------|--------------------------|----------------|----------------|
| Thickness                           | Micrometre  | µm   |                          | 410            | 340            |
| Width                               | Scale       | mm   |                          | Up to 1250     | Up to 1250     |
| Tensile Strength @ max load         | ASTM D 882  | MPa  | MD<br>TD                 | > 90<br>> 90   | > 90<br>> 90   |
| Elongation @ break                  | ASTM D 882  | %    | MD<br>TD                 | > 90<br>> 90   | > 90<br>> 90   |
| Thermal Shrinkage @ 150° C, 30 min. | ASTM D 1204 | %    | MD<br>TD                 | < 1.5<br>< 0.5 | < 1.5<br>< 0.5 |
| Interlayer Adhesion Strength        | ASTM D 903  | N/cm | PRIMER/PET<br>PET/PRIMER | > 5<br>> 5     | > 5<br>> 5     |
| Adhesion Strength with Encapsulant  | ASTM D 903  | N/cm | PRIMER /<br>EVA          | > 70           | > 70           |

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

# PRESERV E2 - N



- 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 sealed in a protective bag
  - # Boxes are strapped on suitable pallets

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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