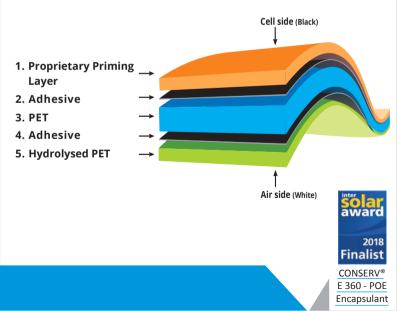


BACKSHEET

PRESERV A - K1N

'PRESERV A - 150 K1N' is a Non - Fluoro based, UV and weather stable, air side white and PV Cell side black Backsheet. PRESERV A - 150 K1N can be used for all Crystalline and many Thin - Film PV modules.

STRUCTURE



PRESERV A - K1N



PROPERTIES

| Particulars | Test Method | Unit | Description | Values |
|--|---------------|-------------|------------------------|--------------|
| Thickness | Micrometre | μm | | 320 |
| Width | Scale | mm | | Up to 1250 |
| Tensile Strength @ max. load | ASTM D 882 | МРа | 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/PET PET/PRIMER | ≥5 ≥5 |
| Adhesion Strength with Encapsulant | ASTM D 903 | N/cm | Backsheet / EVA | ≥70 |
| Moisture Barrier - MVTR @ 38° C, 90% RH | ASTM F 1249 | g/(m²- day) | | ≤1.5 |
| System Voltage | IEC 61730 - 1 | VDC | | ≥1000 |

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

PACKING: Unless specified, below is the standard packing of 'PRESERV'

Length/Roll: 100 metres | # No. of Rolls/Pallet: 12 or 16 |

Total Linear Metres/Pallet: 1200 or 1600 # 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. This data should however not be used to establish specification limits or used as basis for design. RenewSys gives no warranty and assumes no liability in connection with any use of this information and is subject to the RenewSys general terms and conditions.

MUMBAI: +91-22-30040500 | BENGALURU: +91-80-33671400 www.renewsysworld.com | renewsys@renewsysindia.com