

BACKSHEET

Model: 1-300 WD

'PRESERV 1-300 WD' is a fluoro based UV & weather stable white backsheet suitable for Module for 1500V system voltage. it has extraordinarily high moisture barrier which can be used as a high barrier backsheet for modules in tropical climatic conditions.

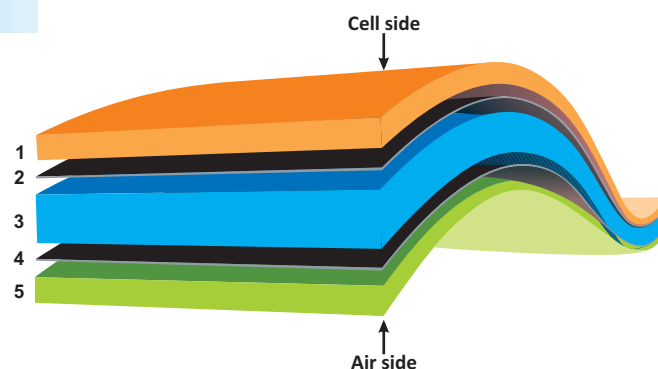
S.N	Particulars	PROPERTIES		Description	Values
		Test Method	Unit		
1	Thickness	Micrometer	µm		395 ± 7%
2	Width	Scale	mm		Up to 1250
3	Tensile Strength @ max load	ASTM D 882	MPa	MD	≥ 100
				TD	≥ 100
4	Elongation @ break	ASTM D 883	%	MD	≥ 90
				TD	≥ 90
5	Heat Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD	≤ 1.5
				TD	≤ 0.5
6	Interlayer Adhesion Strength	ASTM D 903	N/cm	PVDF/PET	≥ 5
				PET/ PRIMER	≥ 5
7	Adhesion Strength with EVA	ASTM D 903	N/cm	Backsheet/EVA	≥ 100
8	Moisture Barrier @38°C, 90%RH	ASTM F 1249	g/(m ² -day)		≤1.6
9	System Voltage @ 300 µm DTI	IEC 62788	VDC		1500

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

Construction

1. Primer
2. Adhesive
3. PET
4. Adhesive
5. PVDF

* As per IEC standards



APPROVALS: UL Certified. Refer file No. E353124.

PACKING: Unless specified, below is the standard packing of 'PRESERV'
 # Length/Roll: 100 meters | # No of Rolls/Pallet: 9 or 12 | # Total Linear Meters/Pallet: 900 or 1200
 # Each roll is sealed in a protective bag in a corrugated box
 # Boxes are strapped on suitable pallets



Note: 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 & conditions.

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