

## BackPRO (ABS-CPC-T)

Alishan Backsheet BackPro ABS-CPC-T are available in 1500 V system voltage. The backsheet comes with a proprietary coating layer on

CONSTRUCTION DETAILS		ABS - CPC-T
LAYER NO.	PARTICULARS	
1	Air Side Fluoro Coating	
2	Middle PET Layer	
3	Cell Side Fluoro Coating	

S. NO.	PROPERTIES	UOM	TEST METHOD	ABS - CPC - T - 1500 V	
1	Thickness	µm	Micrometer	305 ± 2	
2	Width	mm	Scale	Up to 1350	
3	Transmittance	%	ASTM E 424	> 91	
4	Tensile Strength	MPa	ASTM D 882	MD	≥ 100
				TD	≥ 100
5	Elongation	%	ASTM D 882	MD	≥ 100
				TD	≥ 90
6	Thermal Shrinkage	%	150° C / 30 min	MD	≤ 1.0
				TD	≤ 1.0
7	Coating Adhesion	Grade	GB / T9286	Air Side	Grade 0
				Cell Side	Grade 0
8	Adhesion with EVA	N/cm	ASTM D 903	≥ 60	
9	MVTR	g/m <sup>2</sup> /day	ASTM F 1249	≤ 2	
10	CTI	V	IEC 60112	> 600	

**Packing** : Upto 200 meters per roll, 9 or 12 rolls per pallet  
**Storage Condition** : To be stored in sealed packing at temperature ≤ 30° C & Humidity ≤ 60  
**Shelf life** : %

The above properties are a typical range of properties and are not to be used for designing or establishing the limits of specification.



# RELIABILITY DATA OF

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Ageing	Standard	Parameters	Value
DH 3000 hours 85% RH, 85°C	IEC 62788-2	Peel strength with Alishan EPE	> 50 N/10 mm
		Peel strength with Alishan POE	> 40 N/10 mm
		Yellowness Index	< 4
		Appearance	Normal
UV 180 kWh/m <sup>2</sup>	IEC 62788-2	Peel strength with Alishan EPE	> 60 N/10 mm
		Peel strength with Alishan POE	> 40 N/10 mm
		Yellowness Index	< 4
		Appearance	Normal
Acid tests	24 hours immersion in	Visual	No Visual defects

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