

Alishan Back Sheet BackPro ABS-KPC is of 1500 V system voltage with airside PVDF layer and proprietary cell side Fluoro coating layer.

STRUCTURE DETAILS		ABS - KPC
LAYER NO.	PARTICULARS	
1	Air side PVDF layer	
2	Adhesive layer	
3	Middle PET layer	
4	Cell side Fluoro Coating	

S. NO.	PROPERTIES	UOM	TEST METHOD	ABS – KPC – 1500 V	
1	Thickness	µm	Micrometer	315 ± 5 %	
2	Width	mm	Scale	Up to 1350	
3	Tensile Strength	MPa	ASTM D 882	MD	100
				TD	100
4		%	ASTM D 882	MD	100
				TD	90
5		%	150° C / 30 min	MD	1.0
				TD	1.0
6		N/cm	ASTM D 903	PVDF-PET	4.0
7		Grade	GB / T9286	Cell Side	Grade 0
8		N/cm	ASTM D 903	60	
9		g/m 2day	ASTM F 1249	0.5	
10		V	IEC 60112	> 600	

# RELIABILITY DATA OF

# BackPRO ABS-KPC

# ALISHAN

GREEN ENERGY PVT. LTD.

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 Appearance	> 40 N/10 mm Normal
UV 180 kWh/m <sup>2</sup> 85% RH, 85°C	IEC 62788-2	Peel strength with Alishan EPE	> 60 N/10 mm
		Peel strength with Alishan POE Appearance	> 40 N/10 mm Normal

- Packing** : Up to 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** : %  
Recommended to use within 24 months from the date of manufacture

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