

Alishan Back Sheet BackPro ABS-PPC is available with 1000 & 1500 V system voltage with airside HPET layer and proprietary cell side Fluoro coating layer.

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

S. NO.	PROPERTIES	UOM	TEST METHOD	ABS - PPC (1000 V)		ABS - PPC (1500 V)	
1	Thickness	µm	Micrometer	195 ± 5 %		310 (-10/+15)	
2	Width	mm	Scale	Up to 1350		Up to 1350	
3	Tensile Strength	MPa	ASTM D 882	MD	100	MD	100
				TD	100	TD	100
4	Elongation	%	ASTM D 882	MD	100	MD	100
				TD	90	TD	90
5	Thermal Shrinkage	%	150° C / 30 min	MD	1.0	MD	1.0
				TD	1.0	TD	1.0
6	Interlayer Adhesion	N/cm	ASTM D 903	HPET-PET	4	HPET-PET	4
		Grade	GB / T9286	Cell Side	Grade 0	Cell Side	Grade 0
7	Adhesion with EVA	N/cm	ASTM D 903	60		60	
8	MVTR	g/m <sup>2</sup> day	ASTM F 1249	0.5		0.5	
9	CTI	V	IEC 60112	> 600		> 600	

**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.