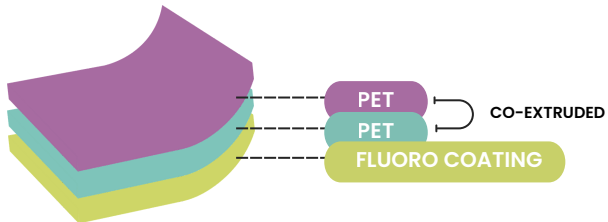


BackPro ABS-PPC-T

Alishan Backsheet BackPro PPC-T is a co-extruded PET-based transparent backsheet with a superior UV protective coating at the cell side, designed specially for M10 and M12 high-efficiency modules.

STRUCTURE DETAILS			ABS - PPC-T
LAYER NO	PARTICULARS	THICKNESS (μm)	
1	Air side transparent PET	305	
2	Middle transparent PET		
3	Cell side Coating	6	

S. NO.	PROPERTIES	UOM	TEST METHOD	ABS-PPC-T (1500 V)	
1	Thickness	μm	Micrometer	315 ± 5 %	
2	Width	mm	Scale	Upto 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	Interlayer Adhesion	N/cm	ASTM D 903	PET-PET	≥4.0
8	Coating Adhesion	Grade	GB / T9286	Cell side	Grade 0
9	Adhesion with EVA	N/cm	ASTM D 903	≥ 60	
10	MVTR	g/m²/day	ASTM F 1249	≤ 2	
11	CTI	V	IEC 60112	> 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.