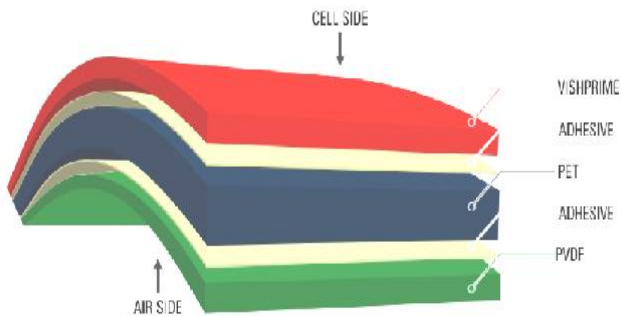


Vishakha PVDF is a fluoride based weather stable and UV stable back sheet. It can be used for all Crystalline PV Module Manufacturing.

S.N	Properties	UOM	Test Method	Vishakha PVDF	
1	Thickness	µm	Micro meter	320	
2	Width	Mm	Scale	Up to 1250	
3	Tensile Strength	MPa	ASTM D 882	MD	100
				TD	100
4	Elongation	%	ASTM D 882	MD	≥100
				TD	≥100
5	Thermal Shrinkage @ 150 °C / 30 min	%	ASTM D 1204	MD	≤1.5
				TD	≤0.5
6	Interlayer Adhesion	N/cm	ASTM D 903	PVDF-PET	≥5
				PET- Primer	≥5
7	Adhesion with EVA	N/cm	ASTM D 903	≥75	
8	MVTR	g/m <sup>2</sup> /day	ASTM F 1249	1.71	
9	Partial discharge	V dc	IEC 61730	1500	
10	Relative Thermal Index	°C	Electrical	140	
		°C	Mechanical	150	

Construction of Vishakha PVDF backsheet		
Layer No	Particulars	Thickness (µ)
1	Air side layer – PVDF	25
2	Adhesive	10
3	PET	150
4	Adhesive	10
5	Cell side – VishPrime	125
Total Thickness of Back sheet		320



**Vishakha PVDF**

**UL recognised under File No: QIHE2.E487880**



- Storage Condition : To be stored in sealed packing at temperature < 30 °C & Humidity < 60 %  
 Shelf life : It is recommended to use within 12 months from the date of manufacture  
 Supply : Rolls of 150 linear meter & Pallets suitable for export

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