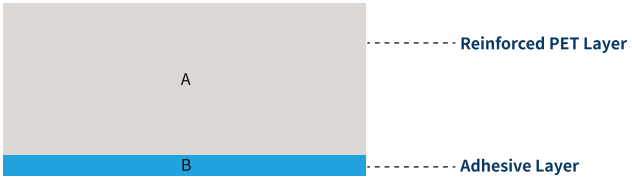
BPF-802

PHOTOVOLTAIC BACK SHEET

White Photovoltaic Back Sheet with multi-layer structure.Good insulation performance and strong bonding fastness.Excellent barrier and moisture and heat resistance.



Technical Properties

Performance Indicators		Unit	Test Method	BPF-802	BPF-802C
Total Thickness		μm	/	303±5%	253±5%
Strcture		/	/	High Weatherability Modifed BOPET Film+Coating	
Colour		/	/	White/Black	
Fluorine Content		/	/	Fluoropolymer Coating/Fluoropolymer Free-NF	
Tensile Strength	MD	N/mm²	GB/T 13542.2-2021	⩾150	⩾150
	TD	N/mm²	GB/T 13542.2-2021	⩾160	⩾160
Elongation At Break	MD	%	GB/T 13542.2-2021	⩾120	⩾120
	TD	%	GB/T 13542.2-2021	⩾100	⩾100
Heat Shrinkage Rate	MD	%	GB/T 13542.2-2021	⩽0.6	⩽1.0
	TD	%	GB/T 13542.2-2021	⩽0.6	⩽1.0
Coating Adhesion (grade)		grade	GB/T 9286-2021	grade 0	grade 0
Bond Strength With EVA (initial)		N/10mm	GB/T 2790-1995	⩾60	⩾60
Breakdown Voltage		kV	GB/T 1408.1-2016	⩾20	⩾17
Maximum System Voltage		V	GB/T 16935.1-2008	1500	1000
WUTR		g/m²·d	GB/T 26253-2010	⩽2.0	⩽2.5
Reflectivity		%	ASTM-E424-71	⩾75	⩾75
Transmittance		%	ASTM-E424-71	/	/
Hygrothermal Aging Resistance Test		85℃*85%RH, 2000h	GB/T 2423-2016	No stratification, no bubbles, Δb⩽2	
Boiling Water Treatment	Visual Inspection	/	GB/T 31034-2014	No stratification, no foaming, no folding, no shedding, no pulverization	
	Coating Adhesion	grade	GB/T 9286-2021	Grade 0	

The technical parameters in Betterial product manual are for reference only. Technical specifications are subject to change without any prior notice.

Betterial
Invented for Materials

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