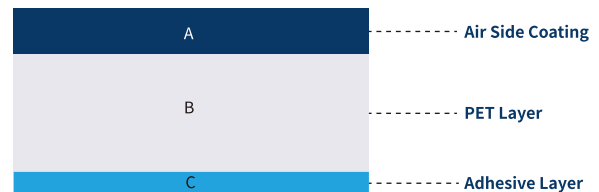


# BPF-801

## PHOTOVOLTAIC BACK SHEET

Photovoltaic Back Sheet with Double-sided coating PET structure (white and black). Good insulation performance and strong bonding, Excellent barrier and heat and humidity resistance .



### Technical Properties

Performance Indicators		Unit	Test Method	BPF-801	BPF-801C
Total Thickness		μm	/	303 ± 5%	253 ± 5%
Structure		/	/	Coating/PET/Coating	
Colour		/	/	White/Black	
Fluorine Content		/	/	Fluoropolymer Coating/Fluoropolymer Free-NF	
Tensile Strength	MD	N/mm <sup>2</sup>	GB/T 13542.2-2021	≥150	≥150
	TD	N/mm <sup>2</sup>	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/m <sup>2</sup> ·d	GB/T 26253-2010	≤2.0	≤2.5
Reflectivity		%	ASTM-E424-71	≥75	≥75
Transmittance		%	ASTM-E424-71	/	/
Hygrothermal Aging Resistance Test		85°C*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.

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