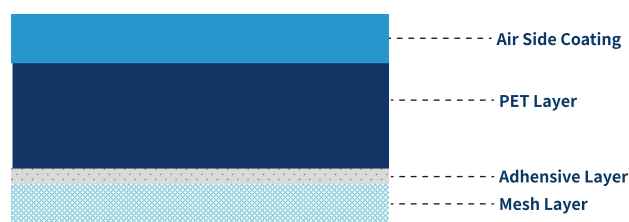


BPF-801M

PHOTOVOLTAIC BACK SHEET

Double-sided white coating , reinforced PET structure , and printed special mesh .Photovoltaic Back Sheet materials Which protect the cells .



Technical Properties

Performance Indicators		Unit	Test Method	BPF-801M
Total Thickness		μm	/	318±5%
Structure		/	/	Coating/PET/Coating+Mesh
Colour		/	/	White + Black
Fluorine Content		/	/	Fluoropolymer Coating
Tensile Strength	MD	N/mm ²	GB/T 13542.2-2021	≥120
	TD	N/mm ²	GB/T 13542.2-2021	≥120
Elongation At Break	MD	%	GB/T 13542.2-2021	≥100
	TD	%	GB/T 13542.2-2021	≥100
Heat Shrinkage Rate	MD	%	GB/T 13542.2-2021	≤1.0
	TD	%	GB/T 13542.2-2021	≤1.0
Coating Adhesion (grade)		grade	GB/T 9286-2021	grade 0
Bond Strength With EVA (initial)		N/10mm	GB/T 2790-1995	Coating≥60 Mesh≥60
Breakdown Voltage		kV	GB/T 1408.1-2016	≥20
Maximum System Voltage		V	GB/T 16935.1-2008	1500
WUTR		g/m ² ·d	GB/T 26253-2010	≤2.0
Reflectivity		%	ASTM-E424-71	Black coating≥52
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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