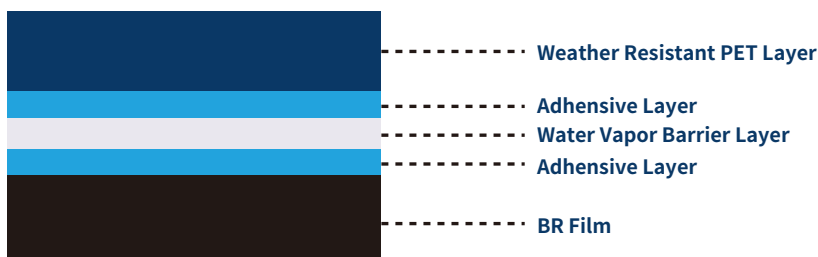
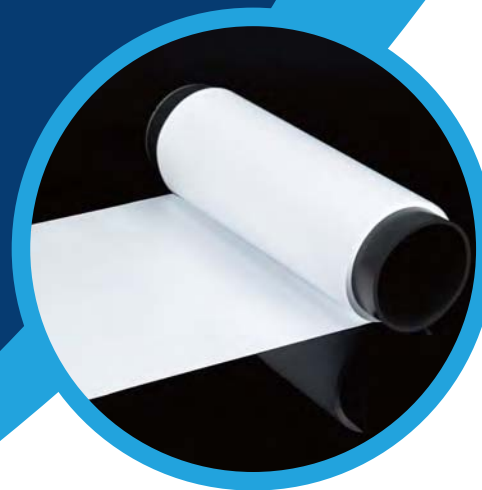


BPF-806

HIGH BARRIER BACKSHEET

PV backsheets are made by composite of EVA adhesive layer made of BR film independently researched and developed by Betterial, support layer made of weather resistant PET, and intermediate layer made of water vapor barrier film.

It is used as a backsheet material for photovoltaic modules, and plays a protective role for the battery cells.



Technical Properties

Performance Indicators		Unit	Test Method	BPF-806
Total Thickness		μm	/	406±5%
Colour		/	/	White/Black
Tensile Strength	MD	N/mm ²	GB/T 13542.2-2009	≥120
	TD	N/mm ²	GB/T 13542.2-2009	≥120
Elongation At Break	MD	%	GB/T 13542.2-2009	≥100
	TD	%	GB/T 13542.2-2009	≥100
Heat Shrinkage Rate	MD	%	GB/T 13542.2-2009	≤0.6
	TD	%	GB/T 13542.2-2009	≤0.6
Bond Strength With EVA (initial)		N/10mm	GB/T 2790-1995	≥60
Breakdown Voltage		kV	GB/T 13542.2-2009	≥20
Comparative Tracking Index (CTI)		V	IEC 60664-1	≥300
Partial Discharge Voltage		VDC	IEC 60664-1	≥1500
WUTR		g/m ² ·d	GB/T 26253-2010	≤0.3
Hygrothermal Aging		85 C *85%RH, 2000h	IEC TS 62788-2	No stratification, no bubbles, Δb≤2
Boiling Water Treatment	Visual Inspection	/	GB/T 17748-2008	No stratification, no foaming, no folding, no shedding, no pulverization
	Coating Adhesion	Grade	GB/T 9286-1998	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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