

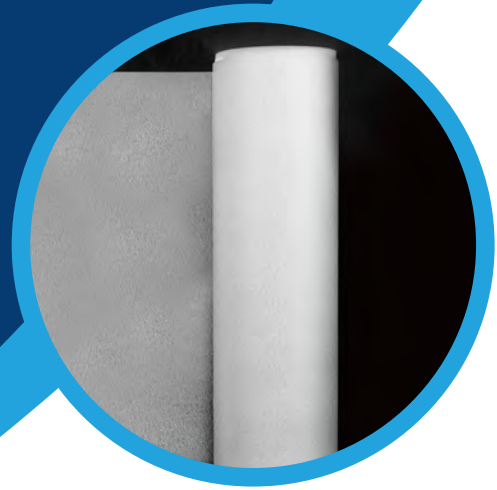
B601S & B601SP

HIGH-PERFORMANCE LOW ACID EVA ENCAPSULATING FILM

B601S series is a kind of high-performance low acid EVA encapsulating film specially suitable for harsh hot and humid environmental.

Usually, under the outdoor high temperature, high humidity and ultraviolet light, the EVA encapsulating film will degrade and release acid gradually, causes the corrosion of welding belt, cell, glass and cause the deterioration of the PV module.

With betterial's patented technology, the B601S series EVA encapsulating film can reduce degradation of power by inhibiting EVA encapsulating film's releasing of acid, and provide a more reliable structure in hygrothermal environment. Besides, B601S also has excellent PID resistance, high adhesion and anti-discoloration properties.



Category

Item	Normal Spec	Customized Spec
Thickness	0.55mm/0.65mm	0.2~0.8mm
Width	1000~1030mm	300~1300mm
Length	350m	150m/350m/400m

Technical Properties

Performance Indicators	Unit	Test Standard	B601S	B601SP
Model/Using Instruction	/	/	Low Acid High Transmission	Low Acid UV Cutoff
Shrinkage Ratio	MD	%	GB/T29848	<3.0
	TD	%	GB/T29848	<1.5
Light Transmittance	280~380nm	%	Baijia Method	>80
	380~1100nm	%	GB/T29848	>91
Peel Strength	EVA/Glass	N/cm	GB/T29848	>80
	EVA/Backsheet	N/cm	GB/T29848	>80
Crosslink Degree	%	GB/T29848	>80	>80
Volume Resistivity	$\Omega \cdot \text{cm}$	GB/T29848	$>1 \times 10^{15}$	$>1 \times 10^{15}$
Damp Heat Test	ΔYI	GB/T29848	<5.0	<5.0
UV Test	ΔYI	GB/T29848	<5.0	<5.0
Anti PID Performance	%	IEC62804	<5.0	<5.0

Laminating Process

Laminated Parameters	Temperature (°C)	Vacuum Time (S)	Lamination Time (S)
Single Chamber Laminator	142~148	300~360	480~600
Double Chamber Laminator	A Cavity	120~130	300~400
	The Second Chamber	145	10

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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