

# B602M

## CO-EXTRUDED POE FILM

B602M series is a POE & EVA co-extruded adhesive film specially developed for encapsulation between backsheets and batteries of single-glass and double-glass photovoltaic modules.

B602M film Compared with EVA film, it has excellent water vapor barrier performance and weather resistance. Compared with POE film, it has higher cost advantage. Compared with other products, the encapsulation of double glass components has better anti-PID characteristics and better peel strength retention.



### Category

Item	Normal Spec	Customized Spec
Thickness	0.55mm/0.65mm	0.2~0.8mm
Width	1000~1200mm	300~1300mm
Length	350m	150m/350m/400m

### Technical Properties

Items		Unit	Test Standard	B602M
Model/Using Instruction		/	/	High Transmittance
Shrinkage	MD	%	GB/T29848	<3.0
	TD	%	GB/T29848	<1.5
Transmittance	380~1100nm	%	GB/T29848	>90
Adhesion	POE/Glass	N/cm	GB/T29848	>80
	POE/Backsheet	N/cm	GB/T29848	>80
Crosslink Degree		%	GB/T29848	>70
Volume Resistivity		$\Omega \cdot \text{cm}$	GB/T29848	$>1 \times 10^{15}$
Damp Heat Test		$\Delta YI$	GB/T29848	<3.0
UV Aging Test		$\Delta YI$	GB/T29848	<3.0

### Laminating Process

Laminated Parameters		Temperature (°C)	Vacuum Time (S)	Lamination Time (S)
Single Chamber Laminator		142~148	300~360	1080±120
Double Chamber Laminator	A Cavity	120±10	300±60	240±60
	The Second Chamber	145±10	10~30	540±60

The technical parameters in Betterial product manual are for reference only. Technical specifications are subject to change without any prior notice.  
Copyright© Betterial(202305V1)