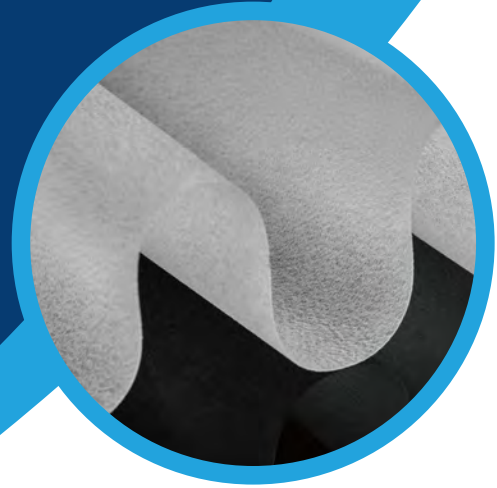


B602

CROSS-LINKED POE ENCAPSULATION FILM

B602 series of parker film technology developed for POE packaging film for solar PV module packaging.

B602 Poe has excellent water vapor barrier property and weather ability compared with conventional EVA film. Compared with other products, it has better anti-PID performance and better peeling strength retention.



Category

Item	Normal Spec	Customized Spec
Thickness	0.6mm/0.7mm	0.2~0.8mm
Width	1000~1100mm	300~1300mm
Length	150m	150m/350m/400m

Technical Properties

Items	Unit	Test Standard	B602
Model/Using Instruction	/	/	Fast cure & Higher transmittance
Shrinkage	MD	GB/T29848	<3.0
	TD	GB/T29848	<1.5
Transmittance	380~1100nm	GB/T29848	>90
Adhesion	POE/Glass	GB/T29848	>80
	POE/Backsheet	GB/T29848	>80
Crosslink Degree	%	GB/T29848	>70
Volume Resistivity	Ω -cm	GB/T29848	$>1 \times 10^{15}$
Hydrothermal Aging Test	Δ YI	GB/T29848	<3.0
UV Aging Test	Δ YI	GB/T29848	<3.0

Laminating Process

Laminated Parameters	Temperature (°C)	Vacuum Time (S)	Lamination Time (S)
Single Chamber Laminator	142~150	300~360	1080±120
Double Chamber Laminator	A Cavity	300±120	240±60
	The Second Chamber	145±10	10~30

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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