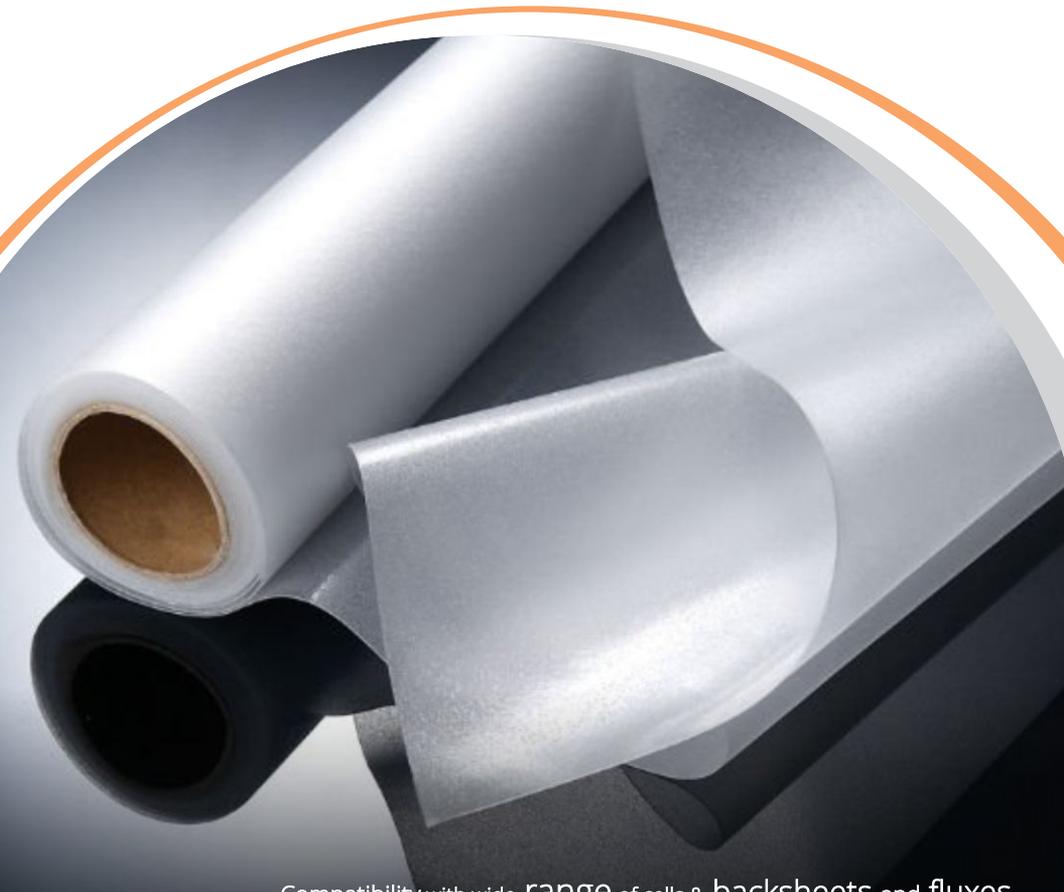


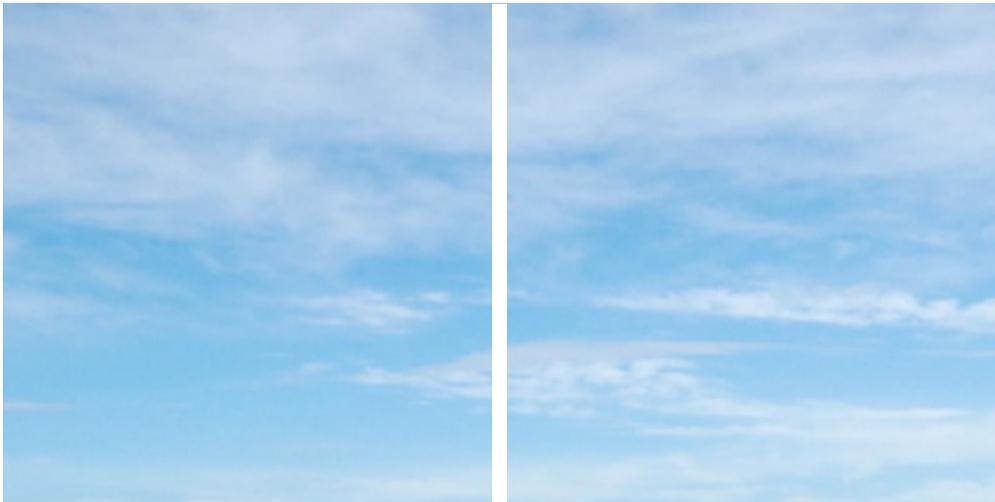


India's first &  
leading manufacturer of

## Solar EVA Encapsulants



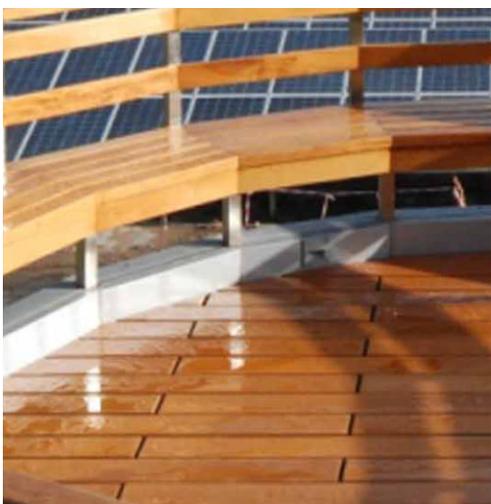
Compatibility with wide range of cells & backsheets and fluxes  
50,000<sup>+</sup> hours of real environmental testing  
Preferred by over 50 module Manufacturers, across 10<sup>+</sup> states  
Enhanced Transparency & PID Resistance 200MW<sup>+</sup> of module laminations  
Excellent peeling strength & crosslinking ratio  
Backed by over 30 years of EVA processing experience



With over 50,000+ hours of real environmental testing and over 200 MW of module laminations, 'Brij Advantage' series of module encapsulation solutions have been serving the industry since 2011. Optimised for hot and humid conditions at its ultra modern & fully automated production facility, 'Brij Encapsulants' offer lower failure rates, better performance and slower degradation during module lifetime, providing better overall return on investments. With separate quality assurance team performing regular in-line quality checks, Brij assures that your modules will last not for 25 years but for a lifetime.



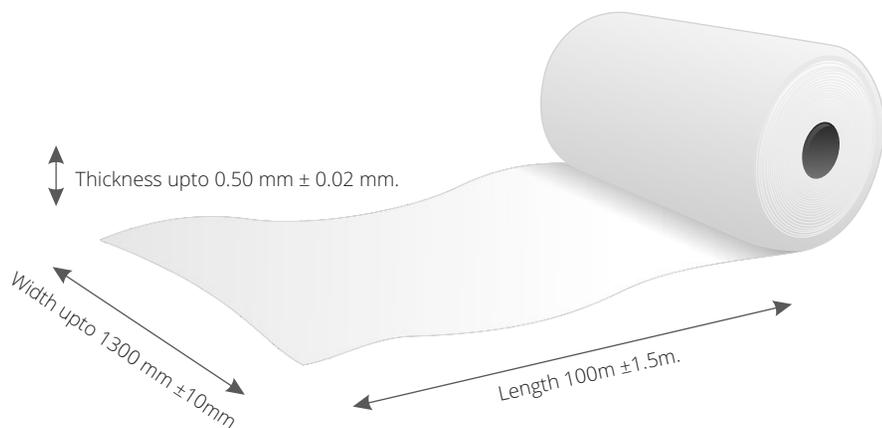
Minimise your risks, save on costs and stay protected.  
Stay 'Brij Protected'.



## ✓ Solar EVA Encapsulants

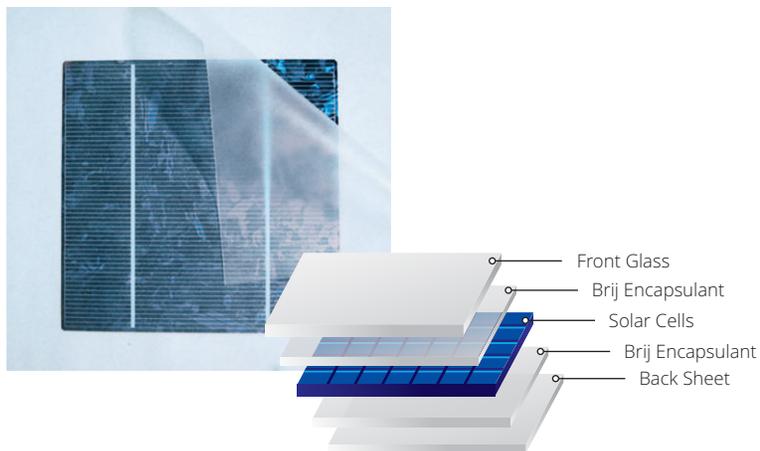
A solar module though looks simple, is a combination of highly engineered materials working in tandem to harness energy. One such component is the Ethylene Vinyl Acetate (EVA) encapsulant. This transparent layer of plastomer forms a protective layer over and under the solar cells preventing water, dirt and other external impurities from contaminating the cells and at the same time ensures optical transmissivity and electrical isolation. These encapsulants ensure that the module can be used outdoors for over 25 years without significant degradation.

## ✓ Product Characteristics & Specifications



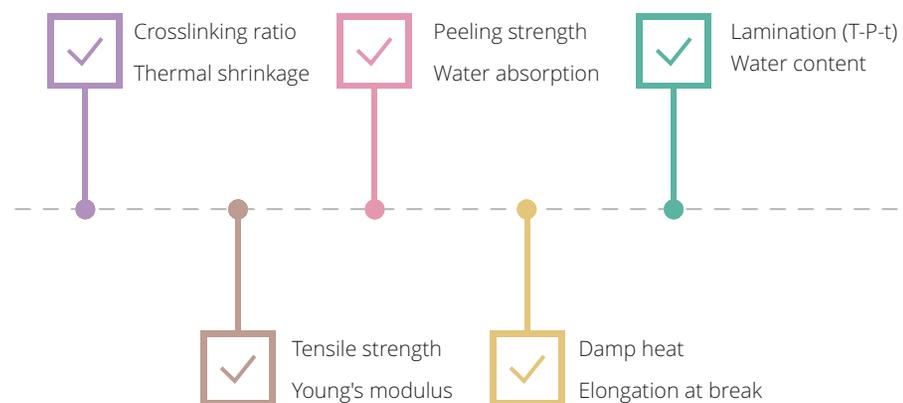
Item	Unit	Brij Advantage
Melt Index	g/10 mins	30
Softening Point	°C	58
Density	g/cm <sup>3</sup>	0.96
Appearance	-	Smooth surface with special knurling for better air exhaustion. Uniform thickness, no discoloration and non-stick at room temperature
Transparence (after curing)	%	≥ 92
UV - Cutoff Wave length	Nm	360
Crosslinking ratio	%	≥ 80
Peeling Strength	N/cm from glass	≥ 75
	N/cm from backsheet	≥ 48
Shrinkage Rate	%	≤ 2
Tensile Strength	MPa	≥ 21.5
Elongation at Break	%	≥ 518
Water Absorption	%	≤ 0.04
Dielectric strength	KV/mm	25
Resistance to temperature, moisture and cold	-	No bubble, no cracking, peeling or discoloration. No expansion with heat or contraction with cold. Power loss < 5%, and sheet ΔYI ≤ 2

\*Refer to our product data sheet for details



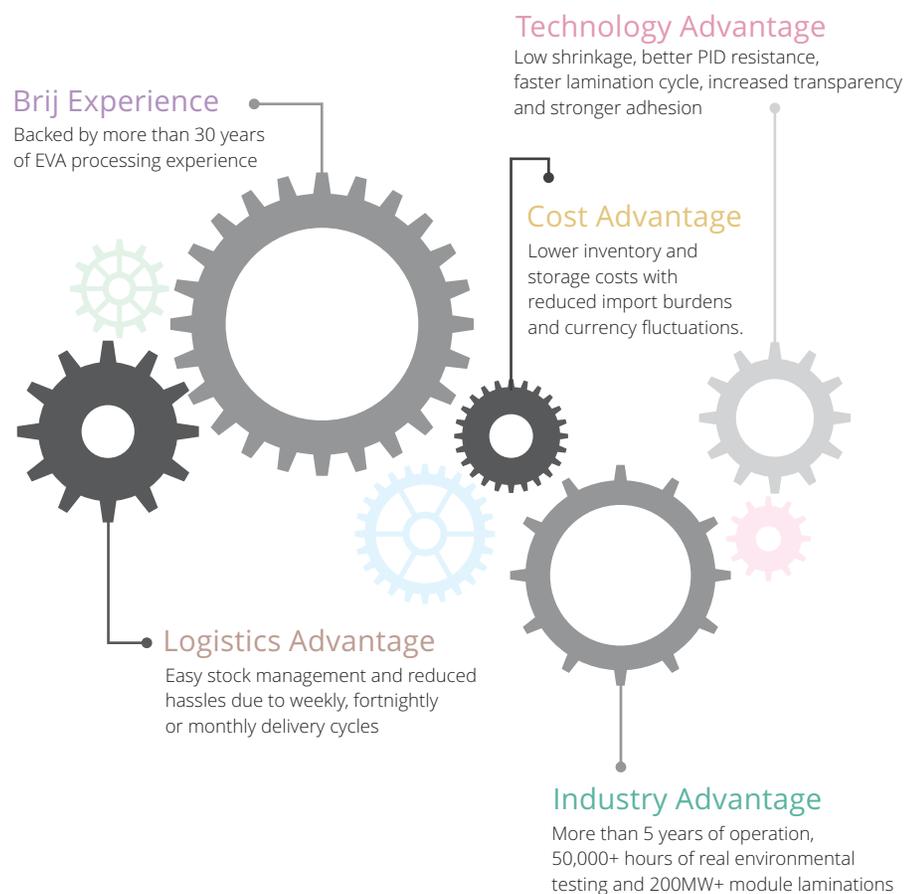
## ✓ Research, Development & Quality Assurance

Since its inception in 2011, Brij has been a leading manufacturer of solar EVA encapsulants In India. Brij invests in R&D to ensure continual improvement of its products through better formulations and to ensure price competitiveness through manufacturing process optimisations.



The quality assurance division at Brij certifies each batch for conformity to required ISO, ASTM and IEC standards through rigorous testing at Brij's internal test laboratory.

## ✓ The Brij Advantage



Switch today & experience the 'Brij Advantage'

