

Vishakha EPE is a Polyolefin based state-of-the-art coextruded encapsulant ideal for G2G or G2TBS solar modules. Vishakha EPE encapsulant combines the advantages of EVA and POE for the latest high efficiency bifacial solar PV segment. Trailblazing coextrusion technology led to the development of maneuverable, PID free, optically transparent and laminator friendly encapsulant for its global acceptance.

Lamination Properties	Parameters	Unit	Values
	Vacuum / Evacuation Time	Minutes	4-7
	Lamination / Pressing Time	Minutes	5-12
	Lamination Temperature	°C	145 - 150
	Gel Content - as per ASTM D 2765 - Soxhlet Method	%	>75

Vishakha EPE comes with the varied texturing options of orange peel and pyramid structure. Some of the vital properties are listed as below:

Parameters	Test Standard	Unit	Value
Thickness	ASTM D 6988	µm	>600 (customizable)
Width	Scale	mm	up to 1350 (customizable)
Optical Transmittance	ASTM E 424	%	≥90
UV cut off	ASTM E 424	nm	360±10
Volume Resistivity	ASTM D 257	Ω.cm	>1x10 <sup>15</sup>
Tensile Strength	ASTM D 638	MPa	≥ 5
Elongation	ASTM D 638	%	≥ 500
Peel strength with Glass	ASTM D 903	N/cm	≥60
Peel strength with Back sheet	ASTM D 903	N/cm	≥60
Thermal shrinkage	120 °C, 3 minutes		MD ≤ 3%, TD ≤ 2%

**UL recognized under File No:**

Storage Condition: To be stored in sealed packing at temperature < 30 °C & Humidity < 60 %

Shelf life: It is recommended to use within 6 months from the date of manufacture

Supply: Rolls of 150 linear meter & Pallets suitable for export

Vishakha House, House number 9, Inspire Business Park, Adani Shantigram Township, Sarkhej  
Gandhinagar, Ahmedabad, Gujarat-382421

[www.vishakharenewables.com](http://www.vishakharenewables.com) Email ID: [sale@vishakharenewables.com](mailto:sale@vishakharenewables.com), Phone No: +91 – 7961907373 / 7069075391

The above properties are typical range of properties and not to be used for designing or establishing the limits of specifications