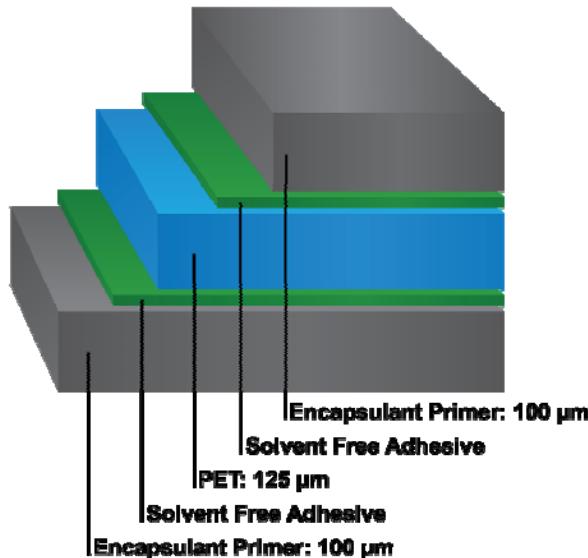


# HEMERA™ EPE 500



## NOMINAL PROPERTIES

Tensile at Break (length)	75 N/cm
Tensile at Break (cross)	59 N/cm
Elongation at Break	93%
Weight	357 g/m <sup>2</sup>
Thickness:	
Encapsulant Primer	100 µm
PET	125 µm
Encapsulant Primer	100 µm
Total	325 µm
<b>Intra-Layer Adhesion:</b>	
PET/Encapsulant Primer	>4 N/cm
BACKSHEET/EVA	>40 N/cm
<b>Thermal:</b>	
Shrinkage % (MD/TD)	<0.87 / 1.0
<b>Electrical:</b>	
Breakdown Voltage	14.9 kV
Partial Discharge	>1000 VDC

## Description

CPP Solar is a US manufacturer and a global supplier of photovoltaic backsheets and frontsheets. Our HEMERA™ backsheets consists of KYNAR® PVDF which is a 20+ year proven performance in the PV industry which protects modules from moisture and UV to provide long term protection to the modules. CPP Solar provides a broad array of backsheet choices and we also work closely with module manufactures to provide innovative backsheets to meet their requirements and protect their modules.

HEMERA™ EPE 500 is a multi-layered film lamination designed to be used as an electrical insulator. This construction of EP/PET/EP offers the proven performance which is most often used in modules to prevent a short circuit within the module.

## Advantages of HEMERA™ EPE 500

- Excellent dielectric strength
- Proven durability
- High bond strength
- Increased vacuum lamination throughput
- Available in variety of colors

## The "Green" Process

CPP Solar is a leader in the "Green Process". With our R&D center and manufacturing plant in Pennsylvania, USA CPP Solar's backsheets are made with a solvent free bonding technology, which decreases the overall carbon footprint of modules made with the HEMERA™ brand backsheets. .

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which is presented as nominal values that the Seller believes to be reliable, and are intended for use by persons at their own discretion and risk. Seller assumes no liability for results obtained from their use by Buyer in whole or in part.

