

EPE – High Transmittance / High Cut-Off

EPE | Product code: HEPE1 / HEPE2

EVA's cost with POE's moisture barrier and PID resistance, in one co-extruded film.

TOPCon lines face a genuine dilemma at the encapsulant decision. Full POE on both sides is the reliability answer and hurts the bill of materials; EVA on both sides is affordable and leaves the cells exposed to moisture and PID.



Key characteristics

Cost-effectiveness with PID and polarisation resistance	The POE core carries the electrical reliability without POE's full cost.
Stable lamination performance	No additive leaching or slipping, with excellent gas permeability during encapsulation.
Superior transmittance and ageing resistance	Maintained across the high-transmittance and high-cut-off variants.
Both glass-glass and glass-backsheet	Suitable for PERC and TOPCon monocrystalline modules in either configuration, plus distributed and portable applications.

Applications

- PERC and TOPCon monocrystalline modules
- Glass-glass and glass-backsheet modules
- Distributed and portable applications

Storage and shelf life

High storage stability with no special storage requirements. Warranty period is six months under cool, dry storage conditions.

Enquiries

Quotations, full datasheets and certificates are issued against a product code and a destination market. Write to info@hondosolar.com with the cell technology, the module construction, the annual volume and the destination market.

All values are as published by the manufacturer. Tolerances, roll formats and electrical data are confirmed in writing per order. Suzhou Hondol New Material Co., Ltd. No.518, Xinzhen Road, Tong'an Town, SND, Suzhou, Jiangsu, China. PT. Hondol Material Indonesia, Samara Industrial Park, Batam, Kepulauan Riau, Indonesia.