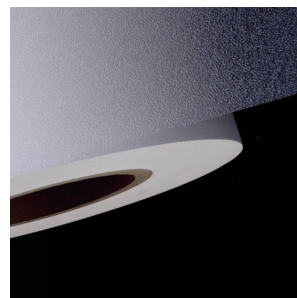


POE – High Transmittance / High Cut-off / White

POE | Product code: HPOE1 / HPOE2

Superior PID and polarisation resistance with an enhanced moisture barrier — the encapsulant for TOPCon, HJT and double-glass.

The cells that generate best are the cells that are most easily ruined. TOPCon and HJT gain their efficiency from surfaces and passivation layers that moisture and sodium ion migration attack directly, and EVA's acetic acid generation makes both worse.



Key characteristics

Superior PID and polarisation resistance	The failure mode that shows up as whole-string underperformance on a humid site with a grounded frame.
Stable lamination performance	No additive migration or slipping, with excellent gas release properties.
Outstanding transmittance and ageing resistance	Maintained through accelerated ageing rather than only at time zero.
Enhanced moisture barrier	Extends service life in humid and high-temperature environments — the environments where warranty claims cluster.

Applications

- Moisture-sensitive PERC and TOPCon modules
- Glass-glass and glass-backsheet configurations
- High-PID-resistance requirements
- 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@hondolsolar.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.