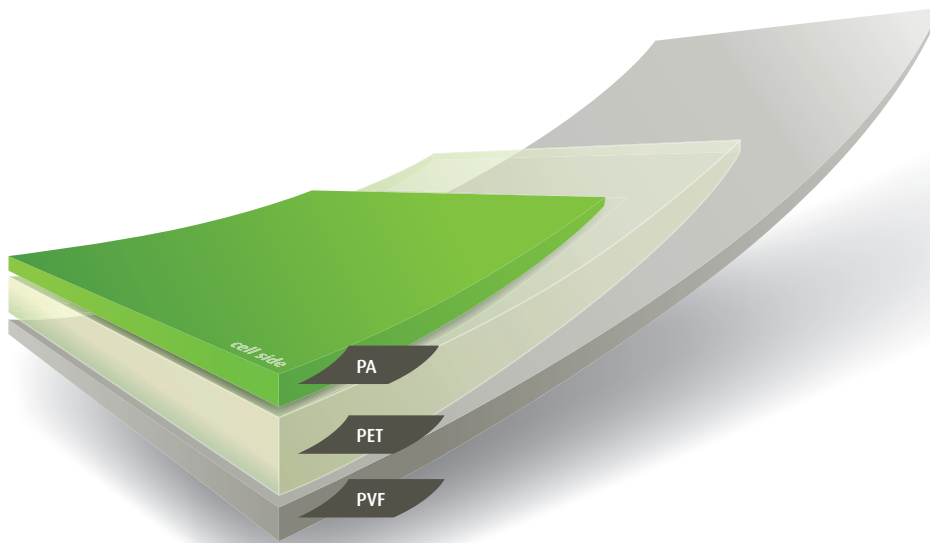


ICOSOLAR® TPA 3G



Properties	Standard	Unit	Value
Thickness	IPV No. 20	mm	0.34 ± 0.04
Total Weight	IPV No. 4	g/m ²	447 ± 54
Peel Strength of Layers (PVF - PET)	IPV No. 70	N/5 cm	≥ 20
Peel Strength of Layers (PA - PET)	IPV No. 70	N/5 cm	≥ 20
EVA - Peel Strength (EVA First F806)	IPV No. 70	N/cm	≥ 40
Breakdown Voltage	IEC 60243-1	kV	approx. 21
Relative Temperature Index	UL 746B	°C	125 [*]
Temperature Index	IEC 60216	°C	125
Max. System Voltage	IEC 61730	VDC	1,000

Climatic Stability according to IEC 61215 (3,500 h at 85 °C, 85% r.h.) no delamination
^{*} derived from PVF

Colours

- White
- Black | White

Composition

modified Polyamide (PA)
 PET - Film
 PVF - Film

Shelf life

max. 12 months at max. 40°C

Certification

UL recognized and TÜV type approved
 JET component registration



The verification and assurance of the compatibility of ICOSOLAR® with the EVA film and/or other materials used in the solar module shall be incumbent upon the user, and also the verification of the suitability of ICOSOLAR® for the envisaged processing and application. Any warranty or liability of ISOVOLTAIC AG in this connection is excluded.