



Properties	Standard	Unit	Value	Value
Thickness	IPV No. 20	mm	0.14 ± 0.01	0.31 ± 0.03
Total Weight	IPV No. 4	g/m ²	193 ± 23	439 ± 53
Peel Strength of Layers (PET - PET)	IPV No. 70	N/5 cm	≥ 20	≥ 20
EVA - Peel Strength (EVA First F806)	IPV No. 70	N/cm	≥ 40	≥ 40
Breakdown Voltage	IEC 60243-1	kV	approx. 13	approx. 20
Relative Temperature Index	UL 746B	°C	105*	105*
Max. System Voltage	IEC 61730	VDC	600**	1,000 1,500

Climatic Stability according to IEC 61215 (3,500 h at 85 °C, 85% r.h.) no delamination

* derived from PET

** internal measurements

Colours

➤ white

Composition

F-Coating
PET
PET

Shelf life

max. 12 months at max. 40°C

Certification

UL recognized and IEC approved
JET approved



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.