



Properties	Standard	Unit	Value	Value
Thickness	IPV No. 20	µm	205 ± 20	370 ± 40
Total Weight	IPV No. 4	g/m ²	210 ± 25	380 ± 45
Shrinkage (typical measured values; MD/TD)	IPV No. 113	%	< 0.8	< 0.8
EVA - Peel Strength (EVA First F806)	IPV No. 70	N/cm	≥ 40	≥ 40
Permeability of Water Vapour @ 38 °C / 90% r.h.	ASTM F-1249	g/m ² d	approx. 1.1	approx. 0.6
Temperature Index	IEC 60216	°C	124	118
Comparative Tracking Index	IEC 60112 ASTM D3638	V	≥ 600	≥ 600
Max. System Voltage	IEC 61730-1 Ed. 2	VDC	1,000	1,500

Climatic Stability according to IEC 61215 (3,500 h at 85 °C, 85% r.h.), no delamination
 HAST test (72 h at 121 °C, 100% r.h.), no delamination

Colours

- > white¹⁾
- > black

Composition

modified polypropylene (PP)
 modified polypropylene (PP)
 modified polypropylene (PP)

Shelf life

max. 6 months at max. 40°C

Certification¹⁾

IEC approved
 UL recognized



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.