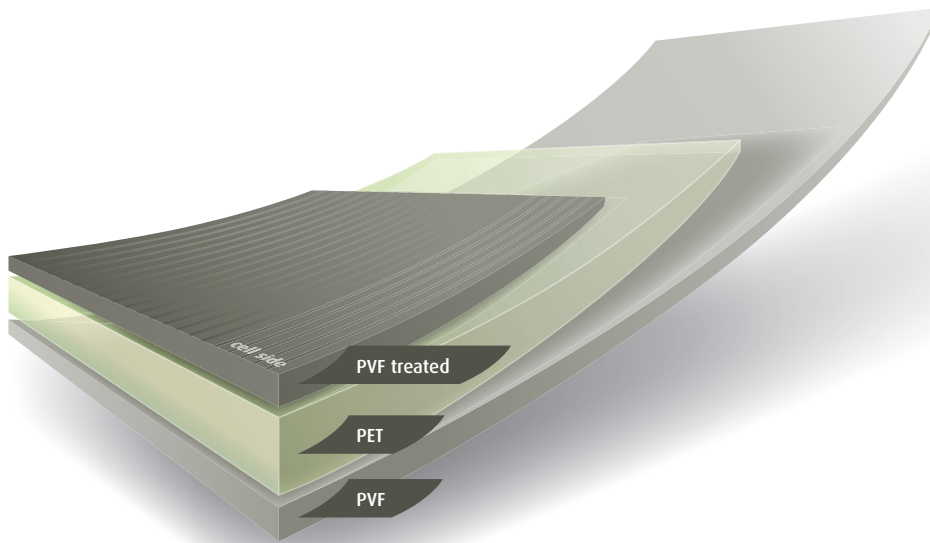


ICOSOLAR® 2442



Properties	Standard	Unit	Value	
			Value	Value
Thickness	IPV No. 20	mm	0.17 ± 0.02	0.35 ± 0.03
Total Weight	IPV No. 4	g/m ²	229 -10 +38	474 -35 +63
Peel Strength of Layers (PVF-PET)	IPV No. 70	N/5 cm	≥ 20	≥ 20
EVA - Peel Strength (EVA Solutia Vista Solar 486)	IPV No. 70	N/cm	≥ 40	≥ 40
Permeability of Water Vapour @ 23 °C / 85% r.h.	ISO 15106-3	g/m ² d	approx. 1.8	approx. 0.7
Breakdown Voltage	IEC 60243-1	kV	approx. 18	approx. 23
Max. System Voltage	IEC 61730	VDC	650	1,000

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

Colours

- > White
- > Black

Composition

PVF - Film, surface treatment
 PET - Film
 PVF - Film

Shelf life

max. 12 months at max. 40°C

Certification

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.