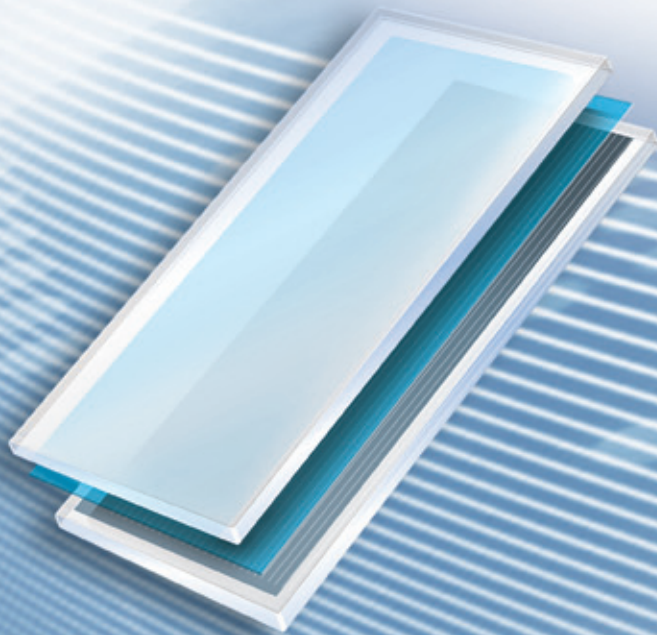


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SOLAR UV⁺

THE ENCAPSULANT WITH OUTSTANDING
UV TRANSPARENCY



PRODUCT INFORMATION

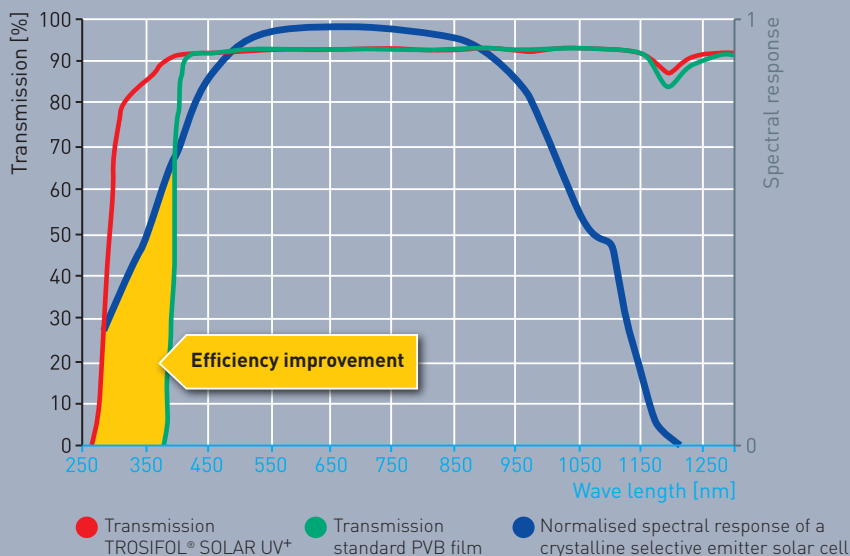
TROSIFOL[®]

NEW REVOLUTIONARY PVB FILM FORMULATION.

PRODUCT FEATURES

- Non-crosslinking thermoplastics
- Outstanding UV transmission
- Excellent adhesion properties
- High bond durability
- Excellent resistance to heat, UV-light and environmental influences
- Very high compatibility with module components
- Reproducible lamination behaviour in all conventional processing
- Storing time up to 4 years

TROSIFOL® SOLAR UV+



TROSIFOL® SOLAR UV+

Product	Colour	Thickness* [mm]	Roughness [µm]	Roll length [m]
SOLAR UV+	Clear	0.50	40	370
SOLAR UV+	Clear	0.76	40	250

* Customised film thickness available on request

PHYSICAL PROPERTIES OF TROSIFOL® SOLAR UV+

Properties	Unit	Test method	SOLAR R40 UV+
Density	g/cm ³	DIN 53479	1.065
Refractive index	-	DIN 53491	1.482
Tensile strength	N/mm ²	ISO 527	> 23
Elongation at break	%	ISO 527	> 250
Hardness	Shore A	-	65
Thermal conductivity	W/mK	DIN EN 12664	0.20
Coefficient of thermal expansion	1/K	ISO 11359-2	2.2 x 10 ⁻⁴
Resistivity*	Ω x cm	IEC 60093	2 x 10 ¹¹
UV cut-off	nm	-	< 280
Visible light transmittance**	%	EN 410	91
UV transmittance (280-380 nm)	%	EN 410	> 72
Glass adhesion	N/mm ²	CSS***	> 16

* At 0.5% H₂O content / 23 °C ** LSG made of 2 x 3 mm low-iron glass *** Compressive shear strength

Further data available on request

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9/2011

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