

kuraray

SOLAR R40 ULTRA WHITE

ADVANCED PERFORMANCE WITH ULTRA REFLECTIVE PVB FILM

TROSIFOL[®]



TROSIFOL® SOLAR R40 ULTRA WHITE

PRODUCT FEATURES:

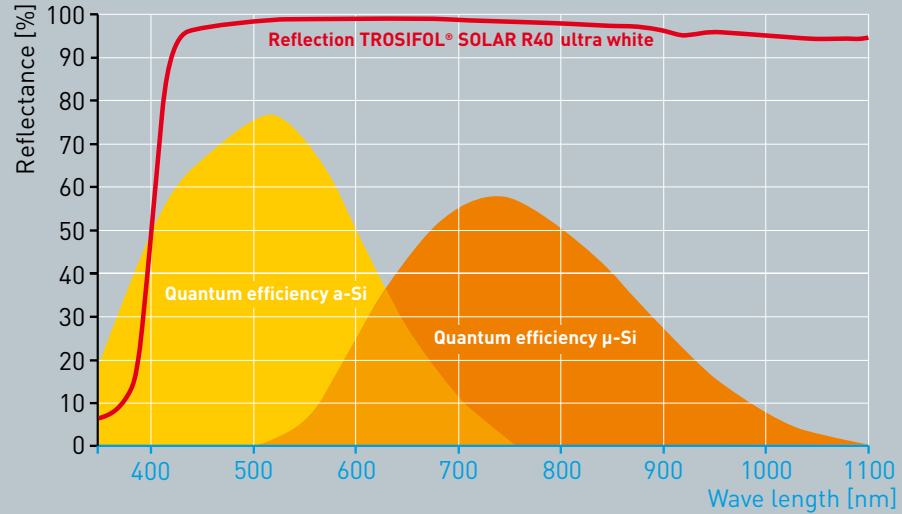
Multi-functional product: encapsulant + excellent light reflection (over broad wave length range)

Significant efficiency improvement for higher module energy yield

Lower process costs by reduced complexity of module manufacturing process

Excellent electrical insulation properties

REFLECTANCE CURVE TROSIFOL® SOLAR R40 ULTRA WHITE



TECHNICAL DATA

Properties	Unit	Test method	SOLAR R40 ultra white
Thickness	mm	-	0.76
Roughness	μm	-	40
Density	g/cm ³	DIN 53479	1.200
Electrical volume resistivity at 23 °C	Ω x cm	DIN IEC 60093	1 x E14
Thermal conductivity	W/mK	DIN EN 12664	0.20
Coefficient of thermal expansion	1/K	ISO 11359-2	2 x E-4
Specific heat	J/gK	ISO 11357-4	1.85
Tensile strength	N/mm ²	ISO 527	> 23
Elongation at break	%	ISO 527	> 250

TROSIFOL® SOLAR R40 ULTRA WHITE

Product	Colour	Thickness [mm]	Roughness [μm]
SOLAR R40	ultra white	0.76*	40

* Customised film thickness available on request

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