

**kuraray**

# **SOLAR R40 ULTRA WHITE**

ADVANCED PERFORMANCE WITH ULTRA REFLECTIVE PVB FILM

**TROSIFOL<sup>®</sup>**



## PRODUCT FEATURES:

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

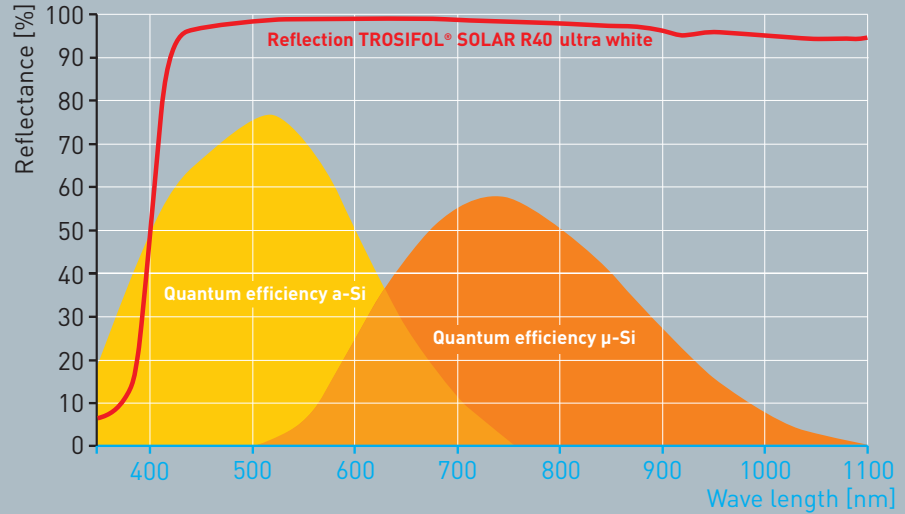
**Significant efficiency improvement for higher module energy yield**

**Lower process costs by reduced complexity of module manufacturing process**

**Excellent electrical insulation properties**

# TROSIFOL® SOLAR R40 ULTRA WHITE

## REFLECTANCE CURVE TROSIFOL® SOLAR R40 ULTRA WHITE



## TROSIFOL® SOLAR R40 ULTRA WHITE

Product	Colour	Thickness* [mm]	Roughness [µm]	Roll length [m]
SOLAR R40	ultra white	0.50	40	370
SOLAR R40	ultra white	0.76	40	250

\* Customised film thickness available on request

## TECHNICAL DATA

Properties	Unit	Test method	SOLAR R40 ultra white
Thickness	mm	-	0.76
Roughness	µm	-	40
Density	g/cm <sup>3</sup>	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 <sup>2</sup>	ISO 527	> 23
Elongation at break	%	ISO 527	> 250



In Preparation

# kuraray

**Kuraray Europe GmbH**

Division TROSIFOL®  
Mülheimer Straße 26  
53840 Troisdorf  
Germany

Phone: ++49 (0) 22 41/25 55 – 220

Fax: ++49 (0) 22 41/25 55 – 299

E-Mail: trosifol@kuraray.eu

[www.trosifol.com](http://www.trosifol.com)