

TROSIFOL® Solar R40

Polyvinyl Butyral

Kuraray Co., Ltd.

Message:

TROSIFOL® Solar R40 is a Polyvinyl Butyral (PVB) material. It is available in Asia Pacific, Europe, or North America.

General Information			
Appearance	Clear/Transparent		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	65		
Films	Nominal Value	Unit	Test Method
Tensile Strength	> 23.0	MPa	ISO 527-3
Tensile Elongation (Break)	> 250	%	ISO 527-3
Adhesion to Glass ¹	> 16.0	MPa	
UV Transmittance	375	nm	EN 410
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	2.2E-4	cm/cm/°C	ISO 11359-2
Specific Heat	1850	J/kg/°C	ISO 11357-4
Thermal Conductivity	0.20	W/m/K	EN 12664
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ² (23°C)	2.0E+12	ohms·cm	IEC 60093
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.482		DIN 53491
Transmittance ³	91.0	%	EN 410

NOTE	
1.	Compressive Shear Strength
2.	At 0.5% H2O content
3.	LSG made of 2 x 3 mm low-iron glass

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Recommended distributors for this material

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