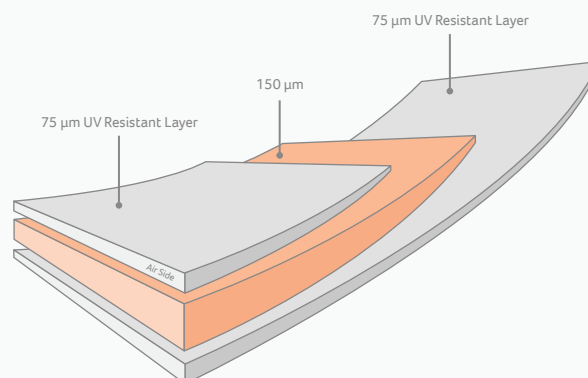




## PHYSICAL CHARACTERISTICS

Thickness	300µm
Width Range	550 - 1100mm
Weight	294 g/m <sup>2</sup>
Color Options	White, Black



## MECHANICAL CHARACTERISTICS

MECHANICAL CHARACTERISTICS	UNIT	TEST METHOD	TYPICAL VALUES
Peel Strength from Encapsulant	N/cm	Internal Testing	≥ 40
Relative Thermal Index (RTI; required 85°C)	°C	Internal Testing	95/105
Reflectance Range (400-700nm)	-	-	≥ 90
Dimensional Stability (150°C for 30)	%	EN-60674-2	≤ 1.5
Tensile Strength at Break (MD/TD)	MPa	-	≥ 30/25
Elongation at Break (MD/TD)	%	-	≥ 600

## OUTDOOR WEATHERABLE PERFORMANCE

Damp Heat Testing (85°C/85% RH)	Hours	IEC 61215	≥ 3000
Water Vapour Permeability 38°C/90%R.H.	g/m <sup>2</sup> /day	ISO-15106-3 Test Condition 2	≤ 1.5
UV Stability	Hours	UL 746C	≥ 2000
Heat Freeze Humidity (≥10 cycles)	%	UL 1703	≥ 70

## ELECTRICAL AND FIRE RESISTABLE CHARACTERISTICS

Flame Spread Index	-	ASTM E162	49
Maximum system voltage (in air)	VDC	IEC 60664-1	≥ 1000

All values stated are to be seen as typical values. We reserve the right to introduce changes within the framework of further technical development.

We do not accept any obligations or liabilities in respect of this information.

Status: 09/2016 E-mail: info@shingjurja.com

This product is covered by patents or pending patent applications.