

MATERIAL SPECIFICATION

SF 09S2

Mod. EVA primer 150 // Hydr+UV res. PET 125

Application: Backsheets for photovoltaic modules (High Temp)

Properties	Unit	Method	Typical value
Laminate thickness	µm		285
Unit weight	g/m ²		332
Dimensions	mm		Customer spec
Adhesive system			
Peel strength of layers	N/m	Internal test method	300
Peel strength towards EVA	N/cm	DIN EN 28510-1	56
Physical and Thermal properties			
Colour			White
Heat shrinkage 150°C x 30 min	(MD) (TD) %	ASTM D-1204	<1.0 <1.0
Tensile strength of laminate, max load	(MD) (TD) N/10 mm	IPC-TM-650; 2.4.19c	>305 >305
Elongation at break	(MD) (TD) %	IPC-TM-650; 2.4.19c	>160 >150
Moisture barrier at 38°C and 90% RH	g/m ² /day	ASTM F-1249	<1.0
Electrical properties			
Breakdown voltage	kV	ASTM D-149	>27
Partial discharge test	VDC	IEC 60664-1	>1070
Flame properties			
Burning -Brand		IEC 61730-2 (UL790)	C
Spread of flame		IEC 61730-2 (UL790)	C

This information is not intended to and does not create any warranties, expressed or implied, including any warranty of merchantability or fitness for a particular purpose. Use of Skultuna Flexible's materials in your particular application may yield different results.

Issue date: 2010-04-16/0

Data and product description have to be considered indicative. The information on the data sheet is liable to change due to innovation and improvement in the manufacturing process. We assume no liability for any infringement of patent, copyright or design on the part of the customer while exploiting the laminate for different end-uses.

Skultuna Flexible AB is a ISO 9001 and 14001 Certified Company and our laminates has been tested and verified in accordance to