

## MATERIAL SPECIFICATION

### SF 07S

Mod. EVA primer 100 // Hydr+UV res. PET 125

*Application: Backsheets for photovoltaic modules (Low temp)*

Properties	Unit	Method	Typical value
Laminate thickness	µm		235
Unit weight	g/m <sup>2</sup>		285
Dimensions	mm		Customer spec
<b>Adhesive system</b>			
Peel strength of layers	N/m	Internal test method	400
Peel strength towards EVA	N/cm	DIN EN 28510-1	40
<b>Physical and Thermal properties</b>			
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	110 95
Moisture barrier at 38°C and 90% RH	g/m <sup>2</sup> /day	ASTM F-1249	<1.4
<b>Electrical properties</b>			
Breakdown voltage	kV	ASTM D-149	>23
Partial discharge test	VDC	IEC 60664-1	>1045
<b>Flame properties</b>			
Burning -Brand		IEC 61730-2 (UL790)	C
Spread of flame		IEC 61730-2 (UL790)	C

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