

MATERIAL SPECIFICATION
1P200

Mod. EVA primer 200 // Hydr+UV res. PET 50

Application: Backsheets for photovoltaic modules

Properties	Unit	Method	Typical value
Laminate thickness	µm		255
Unit weight	g/m ²		255
Sheet size	mm		Customer spec
Roll width	mm		Customer spec
Roll length	m		Customer spec
Adhesive system			
Peel strength layers	N/m	Internal test method	500
Peel strength towards EVA	N/10mm	DIN EN 28510-1	>115 (1)
Physical and Thermal properties			
Colour			White
Heat shrinkage 150 C x 30 min	(MD) (TD)	%	ASTM D-1204 2.0 0.5
Tensile strength of laminate, max load	(MD) (TD)	N/10mm	IPC-TM-650; 2.4.19c 120 120
Elongation at break	(MD) (TD)	%	IPC-TM-650; 2.4.19c 130 95
Moisture barrier at 38°C and 90% RH	g/m ² /day	ASTM F-1249	<1.34
Electrical properties			
Breakdown voltage	kV	ASTM D-149	>29
Partial discharge test	VDC	IEC 60664-1	≥1038

(1) Back sheet is inseparable from EVA

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