

MATERIAL SPECIFICATION

3P250

Mod. EVA primer 40 // PET 50 // PET 250 // Hydr+UV res. PET 50

Application: Backsheets for photovoltaic modules

Properties	Unit	Method	Value
Laminate thickness	µm		408
Unit weight	g/m ²		543
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	>400
Peel strength primer film	N/10mm	DIN EN 28510-1	>40
Physical and Thermal properties			
Colour			White
Heat shrinkage 150 C x 30 min	(MD) (TD) %	ASTM D-1204	< 1.2 < 0.6
Tensile strength of laminate, max load	(MD) (TD) N/10mm	IPC-TM-650; 2.4.19c	580 600
Elongation at break	(MD) (TD) %	IPC-TM-650; 2.4.19c	110 60
Moisture barrier at 38°C and 90% RH	g/m ² /day	ASTM F-1249	1.05
Electrical properties			
Breakdown voltage	kV	ASTM D-149	>25
Partial discharge test	VDC	IEC 60664-1	1140

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