

## MATERIAL SPECIFICATION

### 2P190

Mod. EVA primer 125 // PET 190 // Hydr+UV res. PET 50

*Application: Backsheets for photovoltaic modules*

Properties	Unit	Method	Typical value
Laminate thickness	µm		375
Unit weight	g/m <sup>2</sup>		454
Sheet size	mm		Customer spec
Roll width	mm		Customer spec
Roll length	m		Customer spec
<b>Adhesive system</b>			
Peel strength layers	N/m	Internal test method	400
Peel strength towards EVA	N/10mm	DIN EN 28510-1	40
<b>Physical and Thermal properties</b>			
Colour			White/Black
Heat shrinkage 150°C x 30 min	(MD) (TD) %	ASTM D-1204	<1.0 <0.2
Tensile strength of laminate, max load	(MD) (TD) N/10 mm	IPC-TM-650; 2.4.19c	335 470
Elongation at break	(MD) (TD) %	IPC-TM-650; 2.4.19c	120 65
Moisture barrier at 38°C and 90% RH	g/m <sup>2</sup> /day	ASTM F-1249	0.7
<b>Electrical properties</b>			
Breakdown voltage	kV	ASTM D-149	>25
Partial discharge test	VDC	IEC 60664-1	>1050

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