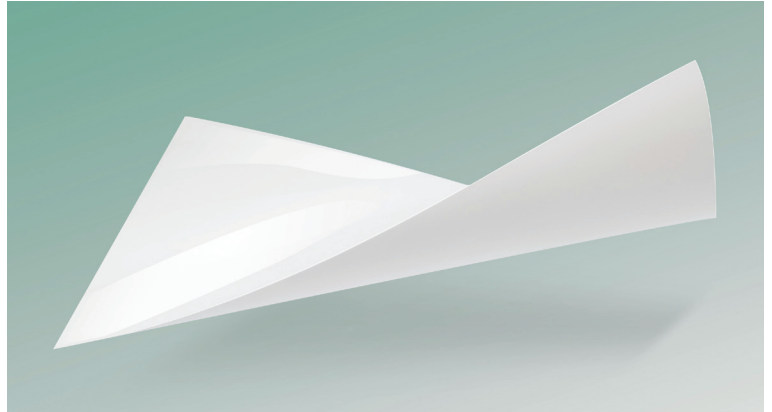


Endurans™ backsheet

Endurans™ HP D15

Features and benefits

- For mainstream applications - with outstanding UV and abrasion resistance in its class
- Good moisture barrier and hydrolysis resistance due to strong polyolefins
- Designed for 1500V/1000V systems
- Co-extruded, fluorine-free and fully recyclable



Technical properties

	Test item	Unit	Test method	Typical values D15
Basic properties	Total thickness	µm	Caliper	350
	Inter layer strength	N/10mm	ASTM D1876	Cannot peel off
	Heat shrinkage (MD)	%	150 °C*30min	0.4
	Heat shrinkage (TD)	%	150 °C*30min	0.4
	Elongation at break (MD)	%	IEC 62788-2: 2017	800
	Elongation at break (TD)	%	IEC 62788-2: 2017	800
	Peel strength with EVA	N/10mm	ASTM D1876	Cannot peel off
	Breakdown voltage	kV	ASTM D1868	24
	CTI	V	IEC 60112	600
	DTI	µm	IEC 61730-1	320
	Reflectivity (380-1100 nm)	%	ASTM 1003-61	95
	WVTR (38 °C, 90RH%)	g/m ² *day	ASTM 1249	0.6
Durability performance	Pressure cook test 96h (121 °C, 100RH%, 0.2 MPa)		IEC 60068-2-66	no bubble no delamination no cracks elongation retention>60%
	Damp heat 2000h		IEC 61215	
	UV exposure 300 kWh/m ²		IEC 61215	

Note: all values stated herein are to be considered as typical values.

Protect PV performance with Endurans™ backsheet technology. Built to last.

More information:

info@endurans.com or www.endurans.com

IMPORTANT NOTICE:

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Same sun.
More power.TM

