IEC TS 62804-1:2015

Photovoltaic (PV) Modules - Test Methods for the detection of potential-induced degradation
Part 1: Crystalline silicone
Confirmation of test results

File Ref.: **10745/2022-40183**

Applicant: **Meyer Burger (Industries) GmbH**
An der Baumschule 6-8, 09337 HOHENSTEIN-ERNSTTHAL
Germany

Product: **Crystalline silicon Photovoltaic (PV)-Modules**

Type: **A) MEYER BURGER BLACK** **B) MEYER BURGER WHITE**

Manufacturer: **Meyer Burger (Industries) GmbH**
Carl-Schiffner-Str. 17, 09599 Freiberg, Germany

Standard: IEC TS 62804-1:2015

Test conditions: Test Method a)

Testing time:	96 h
Chamber temperature:	85°C
Relative humidity:	85 %
Potential to ground:	+/- 1000 V

Pass criteria:

Power Degradation:	< 5%
Dry Insulation Resistance:	> 40 MΩm²
Wet Insulation Resistance:	> 40 MΩm²
Visual Inspection:	No findings

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Summary of test results:

Maximum Power Degradation:	allowed	max. 5 %
	measured	max. 0,68 %

The measured degradation is below the allowed degradation.

Dry Insulation Resistance:	required	min. 21,75 MΩ
	measured	>500 MΩ

The measured dry insulation resistance is above the min. required dry insulation resistance.

Wet Insulation Resistance:	required	min. 21,75 MΩ
	measured	>500 MΩ

The measured wet insulation resistance is above the minimum required wet insulation resistance.

Visual Inspection: No findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2022-40183-2.

VDE Renewables GmbH

Thomas Hartmann ***Arnd Roth***

63755 Alzenau, 2022-07-06