



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: C) MEYER BURGER GLASS

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: +/- 1500 V

Pass criteria:

Power Degradation: < 5%

Dry Insulation Resistance: > 40 MΩm²

Wet Insulation Resistance: > 40 MΩm²

Visual Inspection: No findings



Summary of test results:

Maximum Power Degradation: allowed max. 5 %
measured max. 0,48 %

The measured degradation is below the allowed degradation.

Dry Insulation Resistance: required min. 22,35 M Ω
measured >500 M Ω

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

Wet Insulation Resistance: required min. 22,35 M Ω
measured >500 M Ω

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-2022-40183-3.

VDE Renewables GmbH


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