

## IEC 60068-2-68 Blowing Sand Test Lc 2

Confirmation of test results

Ref.: 10804/2024-40023

Applicant: Meyer Burger (Industries) GmbH

Carl-Schiffner-Straße 17, 09599 Freiberg, Germany

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

Type: **MEYER BURGER GLASS** 

> MB WG144CvS xxx MB\_WG144CyA\_xxx MB\_WG144CyJ\_xxx

Manufacturer: Meyer Burger (Industries) GmbH

Standard: IEC 60068-2-68 Test method Lc 2

Based on IEC 61701:2020 Test sequence:

Pass/fail criteria: Based on IEC 61215-1:2021 and -1-1:2021

Concentration: 2,5 (±0,5) g/m<sup>3</sup>

Quarzwerke WF31 Sand composition:

Wind speed: 9 (±1) m/s

12 h (4 positions, 3 h testing time each) **Testing time:** 

**Summary of test results:** 

Maximum power degradation: allowed max. 5 %

> measured max. 0,4 %

The measured degradation is below the max. allowed degradation.

**Dry insulation resistance:** required min. 22.3 MΩ

> $>1000 M\Omega$ measured

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

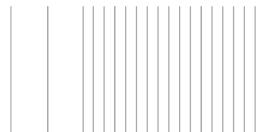
Wet insulation resistance: min. 22,3 MΩ required

> $>1000 M\Omega$ measured

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

BIC: DEUTDEFFXXX





Visual inspection:

No findings

The complete test results, the relevant BOM and the electrical ratings are given in Test Report TRPVM-2024-40023-1.

**VDE Renewables GmbH** 

Thomas Hartmann

Arnd Roth

63755 Alzenau, 2024-04-05

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