



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_WG144CyS_xxx
MB_WG144CyA_xxx
MB_WG144CyJ_xxx

Manufacturer: Meyer Burger (Industries) GmbH

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

Test sequence: Based on IEC 61701:2020

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

Concentration: 2,5 ($\pm 0,5$) g/m³

Sand composition: Quarzwerke WF31

Wind speed: 9 (± 1) m/s

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

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 M Ω
measured >1000 M Ω

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

Wet insulation resistance: required min. 22,3 M Ω
measured >1000 M Ω

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



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


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63755 Alzenau, 2024-04-05

