



**IEC 60068-2-68:1994**  
**Blowing Sand Test Lc2**  
Confirmation of test results

**VDE Renewables File Ref.:** 10010/2016-40159

**Applicant:** Solibro GmbH  
Sonnenallee 32-36, 06766 Bitterfeld-Wolfen, OT Thalheim, Germany

**Product:** Thin-film terrestrial photovoltaic (PV)-Modules

**Type:**  
A) SL1-xx                      B) SL1-xxF  
C) SL2-xx                      D) SL2-xxF

xx in the type replaces the power in Watt and can be any number between:

75 – 95                      for A) and B)  
85 – 150                    for C) and D)

**Manufacturer:** Solibro GmbH

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

**Test sequence and Pass/fail criteria:** Based on IEC 61701:2011

Average particle size: 250 µm

Concentration: 5 (±1,5) g/m<sup>3</sup>

Sand composition: 95% SiO<sub>2</sub>

Wind speed: 20 (±2) m/s

Testing time: 16 h (4 positions, 240 minutes testing time each)

Test Results:

Power at STC bigger as 90% of the rated value.  
Insulation test and Wet leakage test passed.  
Blowing sand test in accordance with the test basis mentioned above passed.

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2016-40159-1

**VDE Renewables GmbH**

  
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