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Test Report No. TRPVP09051/23C/01 R1

Commission Testing according to JC/T 2170-2013

Applicant:	Pellucere Technologies Inc Frankfurter Strasse 3I, 35625 Hüttenberg, Germany
File No.:	PVP09051/23C
Designed: (Project Engineer)	by:
Reviewed: (Technical Certifie	by:

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File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

Applicant	Pellucere Technologies Inc
	363 North Sam Houston Pkwy, East Suite 1100, Houston, TX 77060, USA
Manufacturer	Pellucere Technologies Inc
	363 North Sam Houston Pkwy, East Suite 1100, Houston, TX 77060, USA
Order No	QT-PVP09051/23C
Date of Application	09/13/2023
Product	Glass used in Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Glass type(s)	3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass 3.2mm Embossed glass
	2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass
	2.0mm Embossed glass
General Information	
Maximum System Voltage:	N/A
Application Class	N/A
Electrical Protection Class:	N/A
Fire Safety Class	N/A
Type of examination	Commission testing only
Testing Period	10/11/2023
Testing Laboratory	Shanghai Institute of Quality Inspection and Technical Research(SQI) No. 900, Jiangyue Road, Minhang District, Shanghai 201114, China

Test results listed in this test report refer exclusively to the mentioned test sample.

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The test of submitted test samples as described in the reports is tested based on the following standards: JC/T 2170-2013 "Anti-Reflective coated glass for photovoltaic modules"



File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

List of contents

List of contents	3
Summary of testing	4
Module group assignment	5
Glass type: 3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass	
Glass type: 3.2mm embossed glass	5
Glass type: 2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass	
Glass type: 2.0mm embossed glass	5
Test results of JC/T 2170-2013	6
Glass type: 3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass	
1 Determination of effective transmittance	6
Glass type: 3.2mm embossed glass	6
1 Determination of effective transmittance	6
Glass type: 2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass	
1 Determination of effective transmittance	6
Glass type: 2.0mm embossed glass	6
1 Determination of effective transmittance	6
Annex 1: List of measurement equipment	7
Annex 2: Photos	8



File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

Summary of testing

According to the enquiry of the applicant, a commission testing was performed according to JC/T 2170-2013. 3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass, 3.2mm Embossed glass, 2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass and 2.0mm Embossed glass were delivered to testing lab as test samples and conducted with all the related tests.

Remark: This report is issued to replace report no. TRPVP09051/23C/01. Compared to previous report, change glass types from "3.2mm Coated embossed glass" to "3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass" and from "2.0mm Coated embossed glass" to "2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass". Report no. TRPVP09051/23C/01 is no longer valid since this report issued.



File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

Module group assignment

Glass type: 3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass

Sample #	Serial number	Dimension (I x w x h) [mm]	Remark
1	N/A	600 x 600 x 3.2	N/A

Glass type: 3.2mm embossed glass

Sample #	Serial number	Dimension (I x w x h) [mm]	Remark
2	N/A	600 x 600 x 3.2	N/A

Glass type: 2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass

Sample #	Serial number	Dimension (I x w x h) [mm]	Remark
3	N/A	600 x 600 x 2.0	N/A

Glass type: 2.0mm embossed glass

Sample #	Serial number	Dimension (I x w x h) [mm]	Remark
4	N/A	600 x 600 x 2.0	N/A



File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

	JC/T	2170-2013
Clause	Requirement + Test	Result - Remark

Test results of JC/T 2170-2013

Glass type: 3.2mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass

1 Determination of effective transmittance	
Test date [MM/DD/YYYY]:	10/11/2023
Sample #	Result
1	94.25%
Supplementary information: N/A	

Glass type: 3.2mm embossed glass

1 Determination of effective transmittance		
Test date [MM/DD/YYYY]:	10/11/2023	
Sample #	Result	
2	91.65%	
Supplementary information: N/A		

Glass type: 2.0mm Pellucere MoreSun Sol Antireflective coating on Vishakha prismatic/matte solar glass

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1 Determination of effective transmittance	
Test date [MM/DD/YYYY]	10/11/2023
Sample #	Result
3	94.21%
Supplementary information: N/A	

Glass type: 2.0mm embossed glass

1 Determination of effective transmittance	
Test date [MM/DD/YYYY]:	10/11/2023
Sample #	Result
4	91.89%
Supplementary information: N/A	



File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

Annex 1: List of measurement equipment

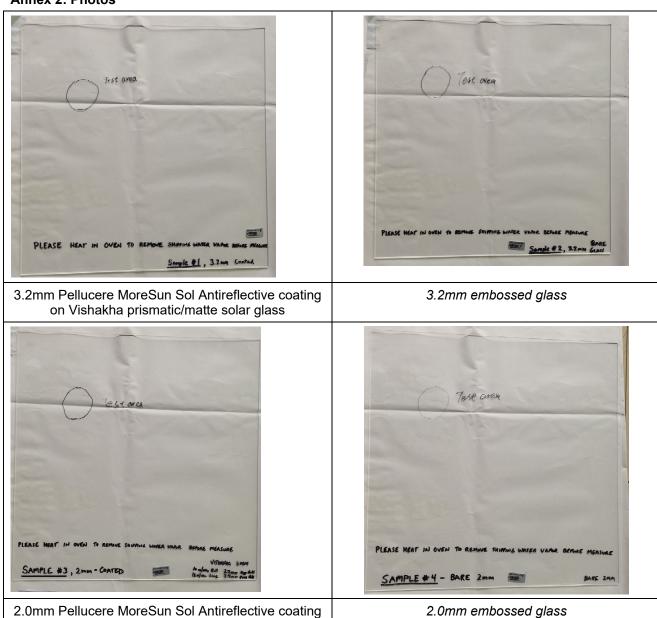
Equipment	Identification	Reference
Spectrophotometer	Lamda 950 (270mm integrating sphere)	Air





File No.: PVP09051/23C Test Report No.: TRPVP09051/23C/01_R1

Annex 2: Photos



----- End of test report -----

on Vishakha prismatic/matte solar glass