



中国认可
国际互认
检测
TESTING
CNAS L1135

No. TL25080068E



TEST

REPORT

NAME OF SAMPLE: Electricity-Free Cooling Coating

CLIENT: i2Cool Shenzhen Limited

CLASSIFICATION OF TEST: Commission

The Quality Supervision and Inspection Center of Synthetic
Material Ageing of Chemical Industry



NOTES

1. The test report is invalid without the stamp of “Special Seal for Test” or “Common Seal of Test Unit” .
2. The copy of the test report is invalid without the remarked stamp of “Special Seal for Test” or “Common Seal of Test Unit” .
3. The test report without the signatures of operator, supervisor and manager is invalid.
4. The modified report is invalid.
5. When there is disagreement to the test report , the test unit should be informed within 15 days since the report is received by the client. Overdue information will not be accepted.
6. The conclusion of the commissioned test is valid only for the provided sample. The sample commissioned for testing and its related information are provided by the client, and the center is not responsible for its authenticity and integrity.
7. The data and results in the reports without CMA identification, as well as the data and results are not in the scope of the center's qualification in the reports with CMA identification, are not socially proven. Only for the internal use of the client.

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Name of Sample	Electricity-Free Cooling Coating	Sample Number	T25040297-4
Client	i2Cool Shenzhen Limited	Classification of Test	Commission
Manufacturing	i2Cool Intelligent Manufacturing Technology (Guangzhou) Co., Ltd.	Batch Number	----
Sampling Date	30/4/2025	Production Date	----
Test Date	May 12th, 2025 to Aug 4th, 2025	Type/Trademark	----/----
Sample Numbers	15 PCS	Contract Number	T25040297
Test Item	See the testing items and results page	Description and Explanation of Sample	Templates
Test Method	HG/T 4759-2014 "Water-based epoxy anticorrosive coatings" HG/T 4761-2014 "Water based polyurethane coatings"		
Result	The sample was tested according to the corresponding standards, and the test results of the tested items meet the indicator requirements provided by the client. (Inspection report seal) Date of issue: 5/8/2025 		
Remark	-----		

Approved by:

李欣

Inspected by:

范星

Tested by:

谭卓华

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Test Items and Results

No. TL25080068E

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Serial Number	Test Items	Standard	Index value	Results	Conclusion
1	Water resistance (240h)	HG/T 4759-2014	No blistering, no peeling, no rusting, no cracking	No blistering, no peeling, no rusting, no cracking	Pass
2	Acid resistance (50g/L H ₂ SO ₄ , 24h)	HG/T 4759-2014	No abnormalities	No abnormalities	Pass
3	Alkali resistance (50g/L NaOH, 168h)	HG/T 4759-2014	No abnormalities	No abnormalities	Pass
4	Resistance to heat and humidity (168h)	HG/T 4759-2014	No blistering, no peeling, no rusting, no cracking	No blistering, no peeling, no rusting, no cracking	Pass
5	Resistance to artificial climate aging	HG/T 4761-2014	500h, no blistering, no peeling, no cracking; powdering ≤ level 1; color change ≤ level 2; loss of light ≤ level 2	2000h, no blistering, no peeling, no cracking, powdering level 0; color change level 0; loss of light level 1	Pass

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Client Address	Room 311, 3/F, Block A, Neng Jian Heng Warehouse, 32 Shi Hua Road, Futian Bonded Area, Fu Bao Community, Fu Bao Street, Futian District, Shenzhen, Guangdong Province, PRC
Preparation of Sample and Explanation	The test samples were provided by the client.
Main Testing and Measuring Instruments	HC-150D Constant Temperature and Humidity Test Chamber (L3089), Ci5000 xenon lamp artificial weathering testing machine(L3112), CM-700d spectrophotometer(L1081), BYK 4520 multi angle glossmeter(L1001)
Test Environment and Condition	Temp: $(23 \pm 2)^{\circ}\text{C}$; RH: $(50 \pm 5)\%$
Uncertainty of Testing Results	-----
Subcontractor and Subcontracting Items	-----
Remark	-----

*****End*****