



Test Report

Report No.: THSH24032056042EN

Job No.: 56042

Date: April 08, 2024

The following information was/were submitted and identified by/on behalf of the client:

Applicant : Shanghai Youtian Industry Co., Ltd.

Address : No. 909 Chuanliu Road, Pudong, Shanghai

Sample Name : Iron sheet with Multiface adhesive coating

Sample Model : Multiface adhesive

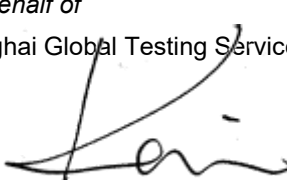
Sample Receive Date : Mar 25, 2024

Sample Testing Period : Mar 25, 2024 to Apr 03, 2024

Test Performed : Selected test(s) as requested by applicant

Test Result(s) : For further details, please refer to the following page(s)

For and on behalf of
Shanghai Global Testing Services Co., Ltd.

Authorized Signature 



Shi Lei/Kevin
General Manager -GTS/SHO

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This report is only responsible for the tested sample(s) and item(s), the testing result(s) is used for scientific research, teaching or internal quality control. Without the writing agreement of the company, the client is not allowed to copy the report in part(entire copy is excepted).

Shanghai Global Testing Services Co., Ltd.

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Heat Ageing Test	Provided by client	Visual discoloration, but the glue has no visual peeling or cracking	Pass
2	Temperature and Humidity Test	Provided by client	Visual discoloration, but the glue has no visual peeling or cracking	Pass
3	Low Temperature	Provided by client	Visual discoloration, but the glue has no visual peeling or cracking	Pass
4	Neutral Salt Spray (NSS) Test	ISO 9227:2022 and client's requirement	Visual discoloration, but the glue has no visual peeling or cracking	Pass

The tests were carried out in sequence.

Note:

Pass : Meet the requirements;

Fail : Does not meet the requirements;

/ : Not Apply to the judgment.

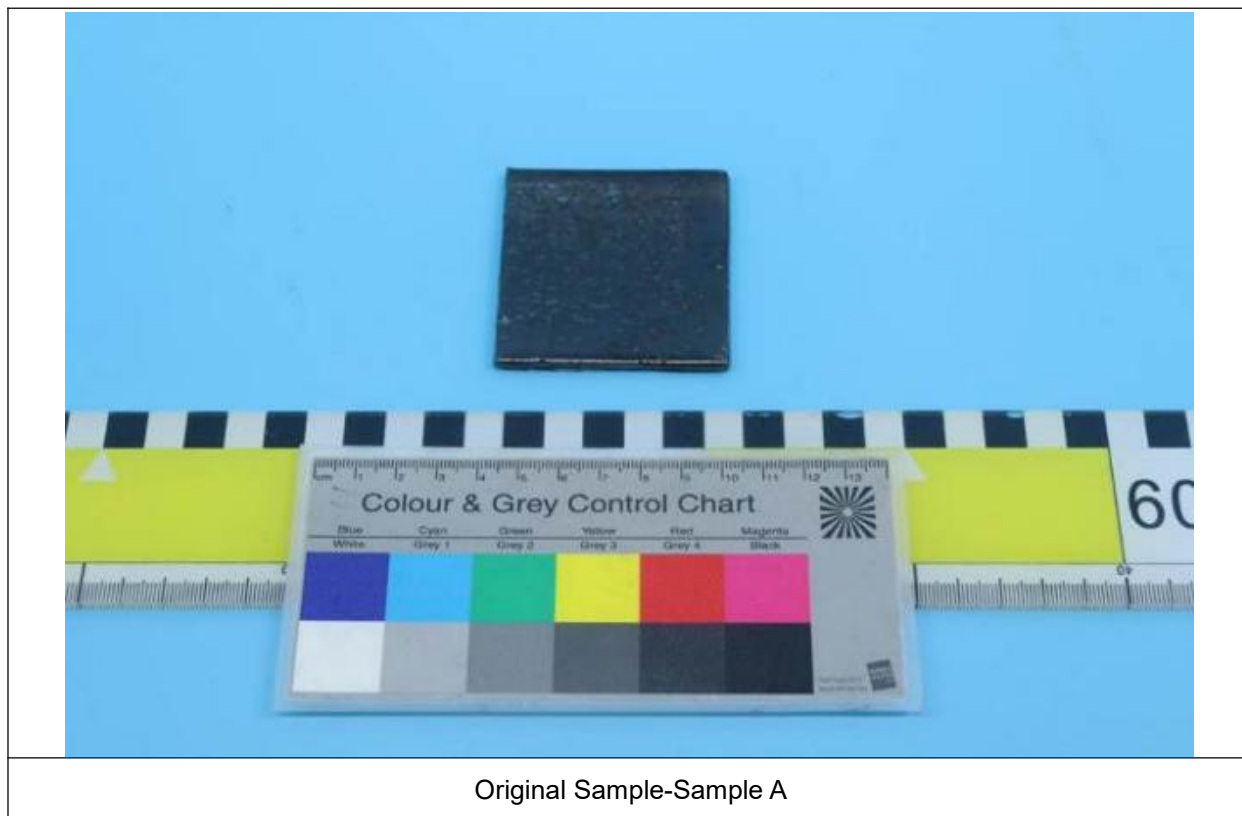
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Original Sample Photo:



Original Sample-Sample A

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1.Test Item: Heat Ageing Test

Sample Description: Sheet

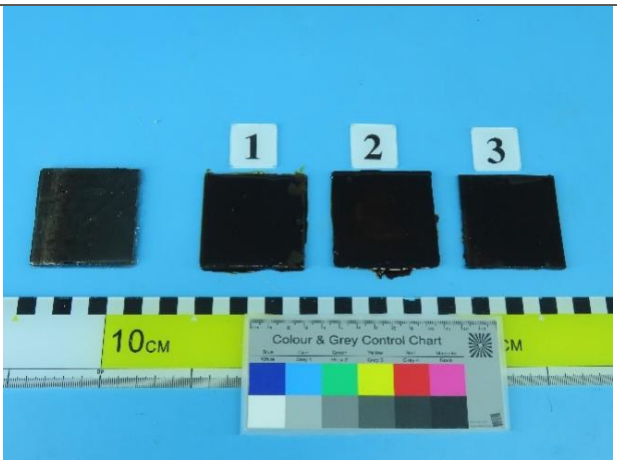
Test Method: Provided by client

Test Condition: 180℃, 24h

Test Result:

Test Item	Result	Client's requirement	Conclusion
Heat Ageing Test	Visual discoloration, but the glue has no visual peeling or cracking	The glue has no peeling or cracking	Pass

Test Photo:

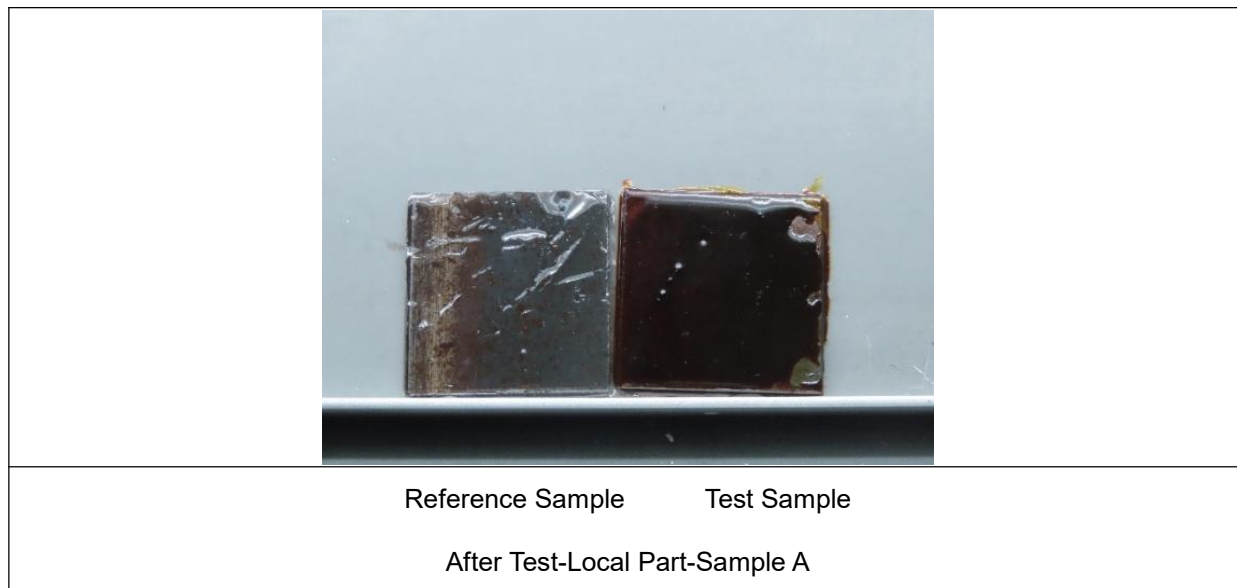
 Reference Sample Test Sample Before Test-Sample A		 Reference Sample Test Sample After Test-Sample A	
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Oven	UF110	GZMR-PL-E378	2023-06-15	2024-06-14

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2.Test Item: Temperature and Humidity Test

Sample Description: Sheet

Test Method: Provided by client

Test Condition: 130℃, 24h

Test Result:

Test Item	Result	Client's requirement	Conclusion
Temperature and Humidity Test	Visual discoloration, but the glue has no visual peeling or cracking	The glue has no peeling or cracking	Pass

Test Photo:

			
Reference Sample	Test Sample	Reference Sample	Test Sample
After Test-Sample A		After Test-Local Part-Sample A	

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
High/Low Temperature Cyclic and Damp Heat Chamber	KTHB-415TBS	GZMR-AG-E084	2023-04-20	2024-04-19

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3.Test Item: Low Temperature

Sample Description: Sheet

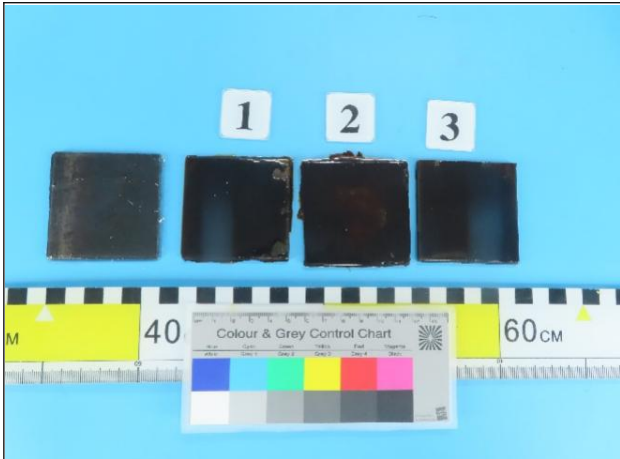
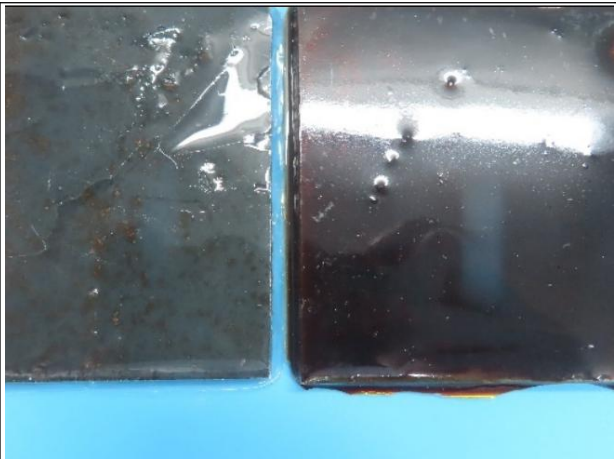
Test Method: Provided by client

Test Condition: -50℃, 10h

Test Result:

Test Item	Result	Client's requirement	Conclusion
Low Temperature	Visual discoloration, but the glue has no visual peeling or cracking	The glue has no peeling or cracking	Pass

Test Photo:

	
Reference Sample After Test-Sample A	Test Sample After Test-Local Part-Sample A

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Minitype high and low temperature test chamber	MC-811-3	GZMR-RL-E155	2023-08-11	2024-08-10



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4. Test Item: Neutral Salt Spray (NSS) Test

Sample Description: Sheet

Test Method: ISO 9227:2022 and client's requirement

Test Condition:

Concentration of solution collected: (50 ± 5) g/l NaCl

Chamber temperature: $(35 \pm 2)^{\circ}\text{C}$

Volume of salt solution collected: (1.5 ± 0.5) ml/(80cm²·h)

pH of collected solution at $(25 \pm 2)^{\circ}\text{C}$: 6.5~7.2

Exposure period: 24h

Test Result:

Sample	Appearance	Client's requirement	Conclusion
1	Visual discoloration, but the glue has no visual peeling or cracking	The glue has no peeling or cracking	Pass
2	Visual discoloration, but the glue has no visual peeling or cracking		Pass
3	Visual discoloration, but the glue has no visual peeling or cracking		Pass

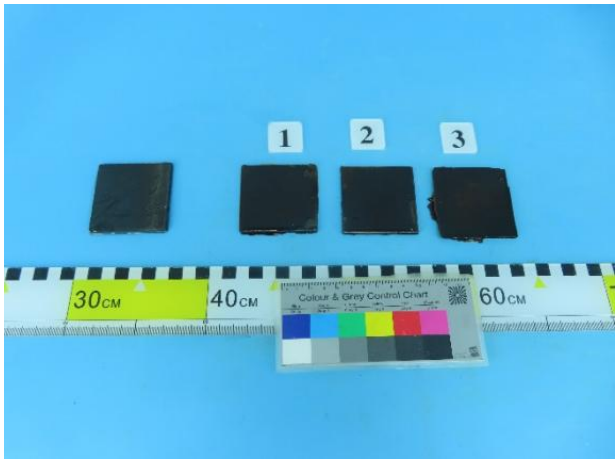
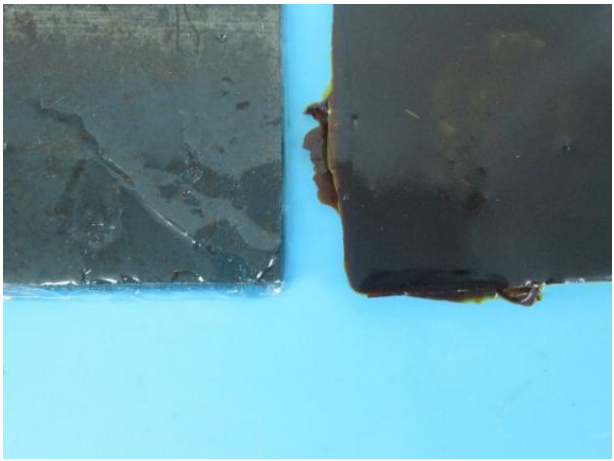
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Test Photo:

			
Reference sample	Test sample	Reference Sample	Test Sample
After Test-Sample A		After Test (local part) -Sample A	

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Salt Spray Chamber	EST-2000FQ	GZMR-AG-E322	2023-10-18	2024-10-17

End of Report