

Test Report No. 5348525

Date : 25-Aug-2022

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Client : IRPC Public Company Limited
555/2,Energy Complex,Building B,6 th Floor, Vibhavadi Rangsit Road,
Chatuchak Bangkok 10900 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : ABS grade GA850
 Manufacturer/Vendor : IRPC Public Company Limited
 Country of Origin : Thailand

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5571488
 Sample Condition : Sample is contained in a plastic bag.
 Quantity Submitted : 1 pack
 Sample Receiving Date : 10-Aug-2022
 Testing Period : 10-Aug-2022 to 25-Aug-2022

Test Method & Results : Please refer to next page(s).

Test Requested & Result Summary

Test Requested : Please refer to the result summary (Test parameter(s) was/were selected by client).

Result Summary:

Test Requested	Conclusion
US FDA 21 CFR 181.32(b)(3) (Acrylonitrile Copolymers)-Determination of Amount of Residual Acrylonitrile	--
1. Amount of Residual Acrylonitrile by water	PASS
2. Amount of Residual Acrylonitrile by 3 % acetic acid	PASS
3. Amount of Residual Acrylonitrile by 8 % ethanol	PASS
4. Amount of Residual Acrylonitrile by n-heptane	PASS

Remark:

1. Test results in this report are applicable for the item tested and reflects the tested sample as received.
2. The decision rules based on simple acceptance which the probability of false accept may be as high as 50% in case the results is exactly on the tolerance limit.

Signed for and on behalf of
SGS (Thailand) Ltd.



Rutchuporn Mungsom
Laboratory manager - Toy and Hard goods

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Unless otherwise stated the results shown in this test report refer only to the sample(s) received and such sample(s) are retained for 30 days only.

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TEST RESULTS

US FDA 21 CFR 181.32(b)(3) (Acrylonitrile Copolymers)-Determination of Amount of Residual Acrylonitrile***

Method : With reference to US FDA 21 CFR 181.32(b)(3)

For repeated-use articles :

Extractants	Test condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
Distilled Water	120 degree F for 2 hours	ND	0.003	0.003
3% Acetic Acid	120 degree F for 2 hours	ND	0.003	0.003
8% Alcohol	120 degree F for 2 hours	ND	0.003	0.003
n-Heptane	70 degree F for 0.5 hours	ND	0.003	0.003
Comment	--	PASS	--	--

Sample Description :

1. Milky white plastic sheet

- Note :
1. mg/inch² = milligram per square inch
 2. degreeF = degree Fahrenheit
 3. ND = Not Detected

Remark: The test item(s) marked *** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok.

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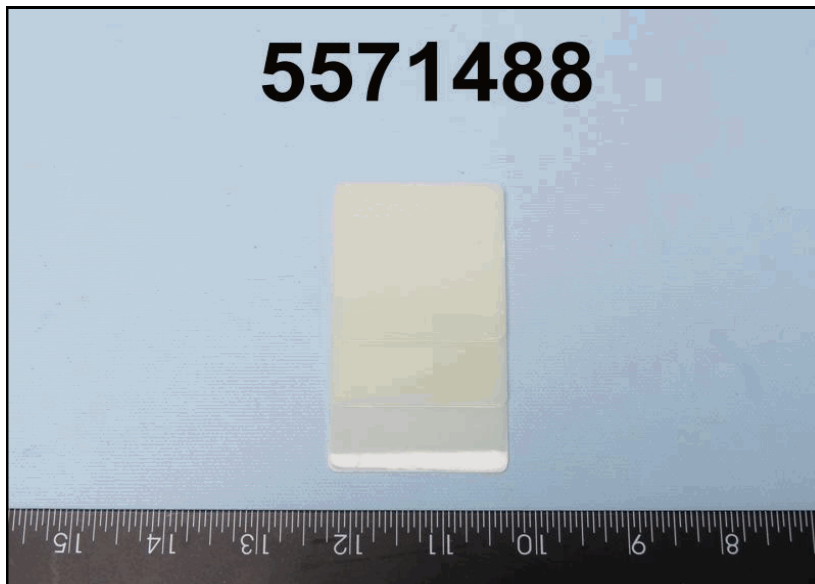
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SAMPLE/ATTACHMENT PICTURE



***** End of Report *****

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