

**Test Report No.** 5342091

**Date :** 17-Aug-2022

**Page 1 of 3**

**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 : PS grade HI650  
Manufacturer/Vendor : IRPC Public Company Limited  
Country of Origin : Thailand

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

SGS Sample No. : 5571495  
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 17-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 177.1640 (Polystyrene and rubber modified polystyrene) -<br>Total residual styrene monomer. | 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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5043804

**Test Report No.** 5342091

**Date :** 17-Aug-2022

**Page 2 of 3**

**TEST RESULTS**

**US FDA 21 CFR 177.1640 (Polystyrene and Rubber-modified Polystyrene) - Total Residual Styrene Monomer\*\*\***

Method: With reference to US FDA 21 CFR 177.1640.

| Analysis                       | Result (1)<br>(% w/w) | Reporting limit<br>(% w/w) | Permissible Limit<br>(% w/w)             |
|--------------------------------|-----------------------|----------------------------|--|
| Total Residual Styrene Monomer | <0.1                  | 0.1                        | 1 (non-fatty foods)<br>0.5 (fatty foods) |
| Comment                        | PASS                  | --                         | --                                       |

Sample Description:

1. White plastic sheet

Note : 1. < = less than

2. % w/w = percentage of weight by weight

Remark: The test item(s) marked \*\*\* on test report is/are analyzed at SGS (Thailand) Limited, address: 41/16-20 and 41/23 Soi Rama III 59, Rama III road, Chongnonsee, Yannawa, Bangkok.

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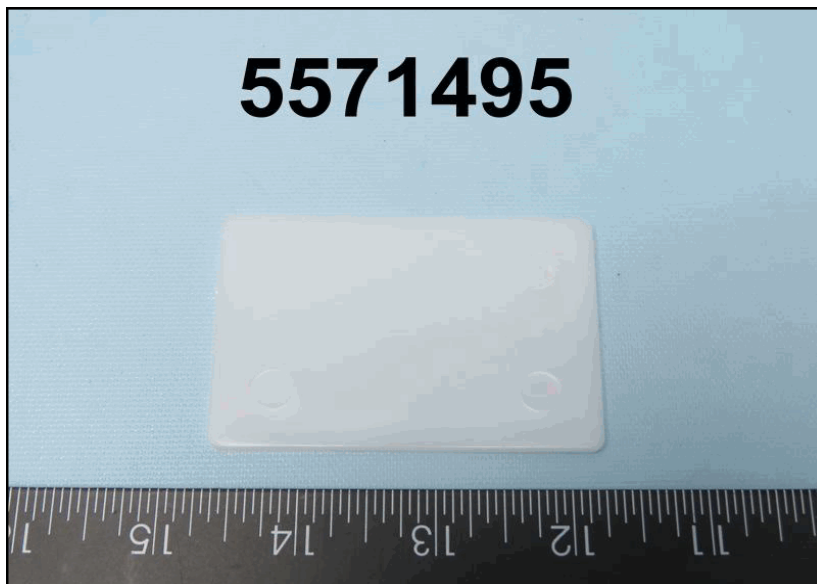
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**Test Report No.** 5342091

**Date :** 17-Aug-2022

**Page 3 of 3**

**SAMPLE/ATTACHMENT PICTURE**



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

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