

# Test Report

**Report No.** A225053205810100202

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**Company Name** NINGBO XINQIAO CHEMICALIND CO.,LTD  
**shown on Report****Address** NO98 JINJIRD,BEILUNDISTRICE NINGBO CITY,ZHEJIANG PROVINCE**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant**

Sample Name expandable polystyrene  
Model No. E/B/H/F/FM/FG grade  
Sample Received Date Jul. 24, 2025  
Testing Period Jul. 24, 2025 to Jul. 29, 2025

**Test Conducted:**

As requested by the applicant. For details refer to next page(s).



Approved by

Hill Zheng  
Technical Manager

Date

Jul. 29, 2025

No. M827991890

Inspect

Centre Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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## Executive Summary:

### TEST REQUEST

### CONCLUSION

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

- Decabromodiphenyl Ether (DecaBDE)	PASS
- Phenol, Isopropylated Phosphate (PIP (3:1))	PASS
- 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	PASS
- Hexachlorobutadiene (HCBD)	PASS
- Pentachlorothiophenol (PCTP)	PASS

\*\*\*\*\* For further details, please refer to the following page(s) \*\*\*\*\*

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**Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)**

**▼ Decabromodiphenyl Ether (DecaBDE)**

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	002		
Decabromodiphenyl Ether (DecaBDE)	N.D.	5	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit applies to the situation where Decabromodiphenyl Ether (DecaBDE) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.
- According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.

**▼ Phenol, Isopropylated Phosphate (PIP (3:1))**

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	002		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	5	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit applies to the situation where Phenol, Isopropylated Phosphate (PIP (3:1)) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.
- According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.

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## ▼ 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	002		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	5	3000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.

## ▼ Hexachlorobutadiene (HCBD)

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	002		
Hexachlorobutadiene (HCBD)	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.

## ▼ Pentachlorothiophenol (PCTP)

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	002		
Pentachlorothiophenol (PCTP)	N.D.	5	10000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.

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## Sample/Part Description

No.	CTI Sample ID	Description
1	002	Transparent plastic grains

## Note:

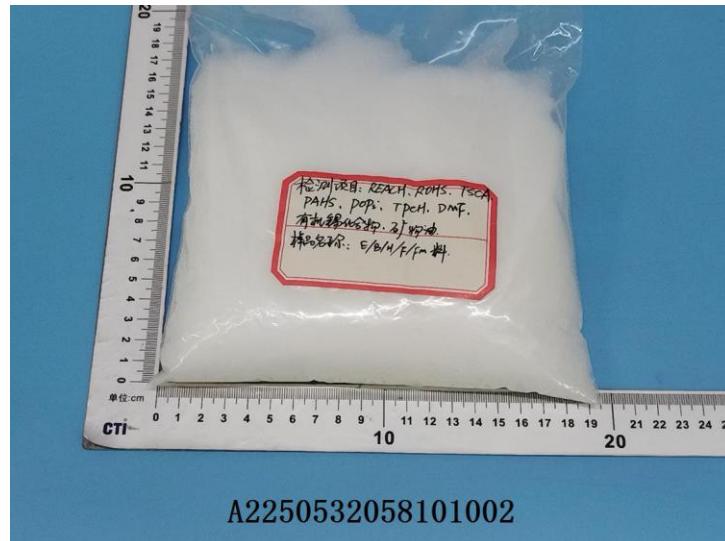
- According to the client's statement, the Company Name shown on Report in this report and the Company Name shown on Report in the report A2250532058101002 are the Group-Branch relations, the test result(s) of this report is/are presented in reference to the result(s) that reported in A2250532058101002.

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## Photo(s) of the sample(s)



### Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

\*\*\* End of report \*\*\*