

Test Report

No.: SZXEC23001761107

Date: Aug 07, 2023

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Client Name: SHENZHEN YONGCHANGHE TECHNOLOGY CO., LTD.

Client Address: 1001, HUAIDE INTERNATIONAL BUILDING, NO. 73, FUYONG SECTION, GUANGSHEN ROAD, FUYONG COMMUNITY, FUYONG STREET, BAO'AN DISTRICT, SHENZHEN, CHINA

Sample Name: PLA+、Hi-Speed PLA+、PETG

The above sample(s) and information were provided by the client.

SGS Job No.: SZP23-012500

Sample Receiving Date: Aug 01, 2023

Testing Period: Aug 01, 2023 ~ Aug 07, 2023

Test Requested: Select test(s) as requested by the client.

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

Test Result(s): Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Tina

Tina Fan
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Chemical Laboratory

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A4	SZX23-0017611-0001.C004	Orange plastic+Black plastic+Blue plastic

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

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

Test Method: With reference to US EPA 3550C:2007, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A4
Decabromodiphenyl ether (DecaBDE) ^{Δ1}	1163-19-5	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) ^{Δ2}	68937-41-7	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) ^{Δ3}	732-26-3	mg/kg	5	ND
Hexachlorobutadiene (HCBd)	87-68-3	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	mg/kg	5	ND

Notes:

- (1) The regulation is available at the following link.
<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>
- (2) ^{Δ1}: The submitted sample is exempted if it is plastic for recycling from products or articles containing Deca-BDE.
- (3) ^{Δ2}: The submitted sample is exempted from the regulated scope if it is anyone of the following:
 - Hydraulic fluids for aviation or military industry;
 - Lubricants and grease;
 - New and replacement parts for motor and aerospace vehicles;
 - Intermediate in a closed system to produce cyanoacrylate adhesive;
 - Specialized engine air filters for locomotive and marine applications;
 - Plastic for recycling from products or articles containing PIP (3:1);
 - Finished products or articles made of plastic recycled from products or articles containing PIP (3:1).
- (4) ^{Δ3}: The submitted sample is out of the regulated scope if it is not oil or lubricant.

Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference. 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.



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Shenzhen Branch Testing Center-Chemical Laboratory

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Sample Photo:



SGS authenticate the photo on original report only
*** End of Report ***



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