

Test Report

No. CANEC2307369803

Date: 31 May 2023

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Client Name : SHENZHEN HENGCHANGTAI TECHNOLOGY CO., LTD.

Client Address : ROOM 1209-10,ZHAOFENGXIANG BUSINESS BUILDING DONGFANG LIYE ROAD, SONGGANG SUBDISTRICT BAOAN DISTRICT,SHENZHEN

Sample Name : BPP(Biodegradation PP)

Model No. : JJ2100(+)

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

SGS Job No. : CP23-022211 - SZ

Date of Sample Received : 24 May 2023

Testing Period : 24 May 2023 - 31 May 2023

Test Requested : Selected 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).

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane	PASS
FDA 21 CFR 177.1520–Maximum soluble fraction in xylene	PASS
FDA 21 CFR 177.1520–Density at 23°C	PASS
FDA 21 CFR 177.1520–Melting Point	PASS

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

Kim Cai

Kim Cai
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN23-073698.002	White translucent plastic grains	PP

FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane

Test Method : With reference to US FDA 21 CFR 177.1520 d(3)(i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Comment</u>
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	0.6%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520–Maximum soluble fraction in xylene

Test Method : With reference to US FDA 21 CFR 177.1520 d(4)(i).

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Soluble fraction in Xylene	9.8	%(w/w)	0.5	2.5
Comment				PASS

Notes :

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

2. ND= Not Detected(less than MDL)

FDA 21 CFR 177.1520–Density at 23°C

Test Method : With reference to US FDA 21 CFR 177.1520 d(1).

<u>Test Item(s)</u>	<u>Limit</u>	<u>002</u>
Density at 23°C, g/ cm ³	0.880-0.913	0.900
Comment		PASS



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FDA 21 CFR 177.1520–Melting Point

Test Method : With reference to US FDA 21 CFR 177.1520 d(2).

<u>Test Item(s)</u>	<u>Limit</u>	<u>002</u>
Melting Point, °C	160-180	167.5
Comment		PASS

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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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

