Test Report

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

scan to see the report

D96D3087

Kim Cai

Kim Cai
Approved Signatory

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663
t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

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).

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 002	Comment
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).

Test Item(s)	Limit	Unit	MDL	*002*
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).

Test Item(s)	Limit	*002*
Density at 23℃, g/ cm³	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).

Test Item(s)	Limit	*002*
Melting Point,℃	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:

CAN23-073698.002

SGS authenticate the photo on original report only

*** End of Report ***

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