

Test Report

No.: TAOEC26010129301

Date: Aug 27, 2026

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Client Name: ZAOZHUANG COX INDUSTRY TECHNOLOGY

Client Address: NO.188 HI-TECH ZONE, 277000, ZAOZHUANG CITY, SHANDONG PROVINCE, CHINA

Sample Name: POLYPROPYLENE FILTER BAG

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

SGS Job No.: QDP26-005191

Sample Receiving Date: Aug 14, 2026

Testing Period: Aug 14, 2026 ~ Aug 21, 2026

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).

	Test Requirement	Comment
1	US FDA 21 CFR 177.1520 - Extractable fraction	Pass
2	US FDA 21 CFR 177.1520 - Soluble fraction in Xylene	Pass
3	US FDA 21 CFR 177.1520 - Melting Point	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Alice Sun

Alice Sun

Approved Signatory

Scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	TAO26-0101293-0001.C001	white filter bag	Polypropylene

Remarks:

- (1) mg/dm² = milligram per square decimeter
 mg/inch² = milligram per square inches
 µg/cm² = microgram per square centimeter
 mg/L = milligram per litre
 mg/kg = milligram per kilogram
 (2) °C = degree Celsius
 °F = degree Fahrenheit
 (3) < = less than
 (4) RL = Reporting Limit
 (5) ND = Not Detected (< RL).

US FDA 21 CFR 177.1520 - Extractable fraction

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

Simulant used	Test Condition	Limit	Unit(s)	RL	A1	Comment
n-Hexane	Reflux Temperature, 2 hrs	6.4	%(w/w)	0.5	1.5	Pass

US FDA 21 CFR 177.1520 - Soluble fraction in Xylene

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

Test Item(s)	Limit	Unit(s)	RL	A1
Soluble Fraction in Xylene	9.8	%(w/w)	0.5	1.1
Comment				Pass

US FDA 21 CFR 177.1520 - Melting Point

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

Test Item(s)	Limit	Unit(s)	A1
Melting Point	160-180	°C	162.9
Comment			Pass

Notes:

Sample A1: These tests were subcontracted to SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.. 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 ***



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