

TEST REPORT

No. : SZIN22000433PL01_EN

Date : 2022-11-03

Page: 1 of 6

scan to see the report



SZIN22000433PL01

CUSTOMER NAME: NUPLAS SOLUTIONS SDN BHD
ADDRESS: 4TH FLOOR, WISMA GIAP CHEW, NO. 28 CHURCH STREET, 10200
PENANG, MALAYSIA

Sample Name : YELLOW COLOUR USED FISHING NET

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : 2022-10-25-015 (CB05800); GZMR221003401301-1
Date of Receipt : 2022-10-26
Testing Start Date : 2022-10-26
Testing End Date : 2022-11-03
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. ShenZhen Branch.

Jessie Ho
Authorized signatory



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

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TEST REPORT

No. : SZIN22000433PL01_EN

Date : 2022-11-03

Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result
1	Melting Temperature (T_m) and Enthalpy of Fusion (ΔH_m)	ISO 11357-3:2018	See result



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TEST REPORT

No. : SZIN22000433PL01_EN

Date : 2022-11-03

Page: 3 of 6

Test Item: Melting Temperature (T_m) and Enthalpy of Fusion (ΔH_m)

Sample Description: Fabric

Test Method: ISO 11357-3:2018, analysis was performed by DSC.

Test Condition:

Type of sample container: Al,

Purge gas flow rate (Nitrogen: 99.999%): 50ml/min,

Equilibrate at 30°C, isothermal for 5min,

Ramp 10°C/min to 300°C, isothermal for 5min,

Ramp 10°C/min to 30°C, isothermal for 5min,

Repeat ramp 10°C/min to 300°C.

Test Result:

Test Item	First heating scan (DSC curve see Fig.1)	Second heating scan (DSC curve see Fig.2)
Melting extrapolated onset temperature, T_{eim}	210.3°C	199.5°C
Melting peak temperature, T_{pm}	221.8°C	208.3°C
		217.4°C
Melting extrapolated end temperature, T_{efm}	226.1°C	221.5°C
Enthalpy of fusion, ΔH_m	68.6kJ/kg	60.9kJ/kg

Note: The test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.



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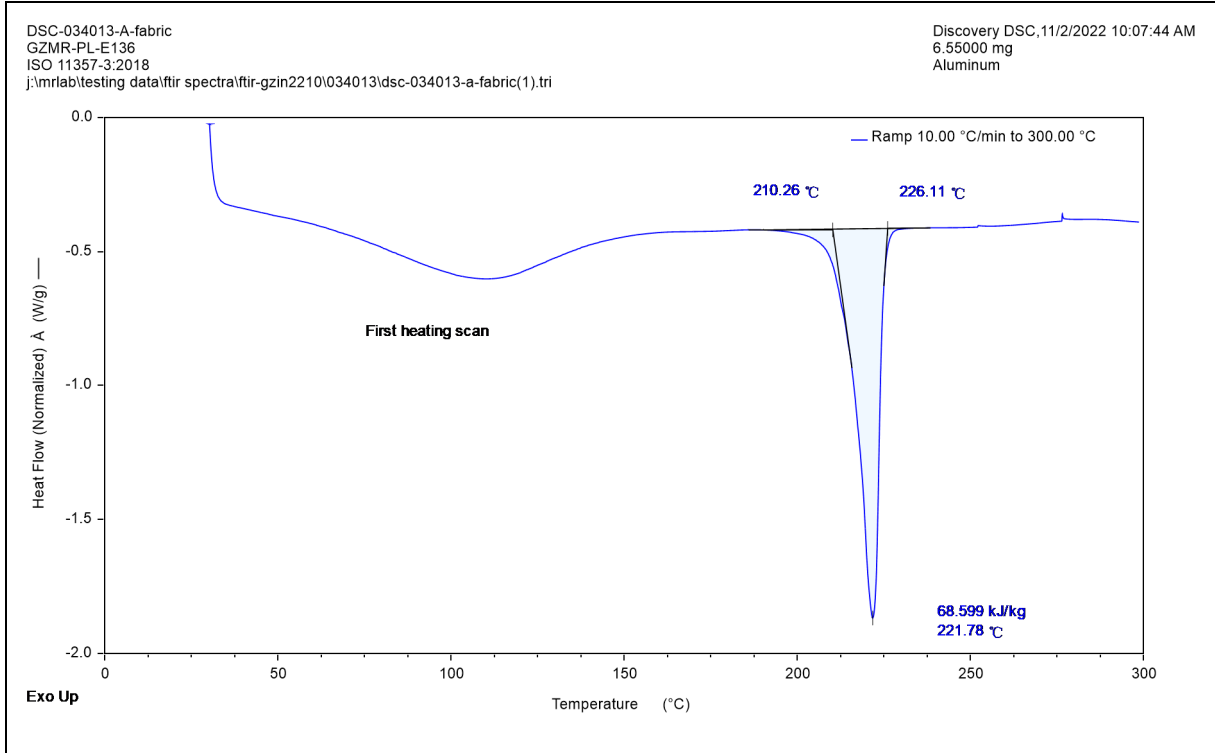
TEST REPORT

No. : SZIN22000433PL01_EN

Date : 2022-11-03

Page: 4 of 6

Fig.1



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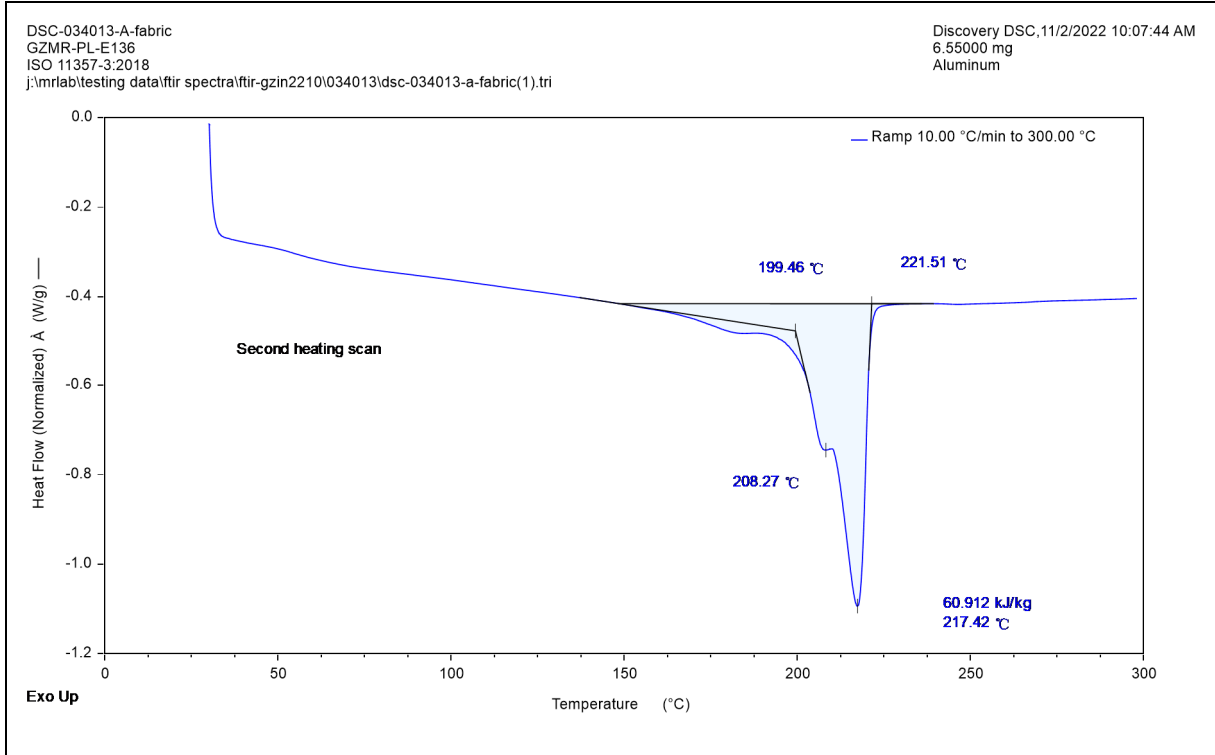
TEST REPORT

No. : SZIN22000433PL01_EN

Date : 2022-11-03

Page: 5 of 6

Fig.2



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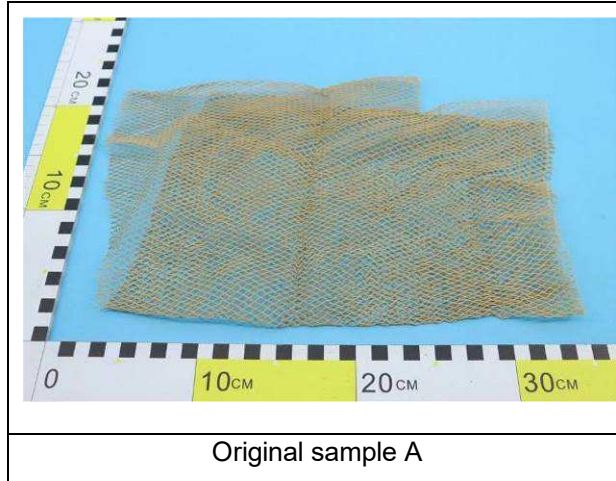
TEST REPORT

No. : SZIN22000433PL01_EN

Date : 2022-11-03

Page: 6 of 6

Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
DSC	Discovery DSC	GZMR-PL-E136	2022-08-22	2024-08-21

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



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