

TEST REPORT

No. : SZIN22000433PL02_EN

Date : 2022-11-03

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scan to see the report



SZIN22000433PL02

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

Sample Name : GREEN 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 (CB05801); GZMR221003401302-1
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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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 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}	211.3°C	202.0°C
Melting peak temperature, T_{pm}	221.9°C	210.5°C
		218.7°C
Melting extrapolated end temperature, T_{efm}	225.4°C	222.6°C
Enthalpy of fusion, ΔH_m	69.1kJ/kg	65.6kJ/kg

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



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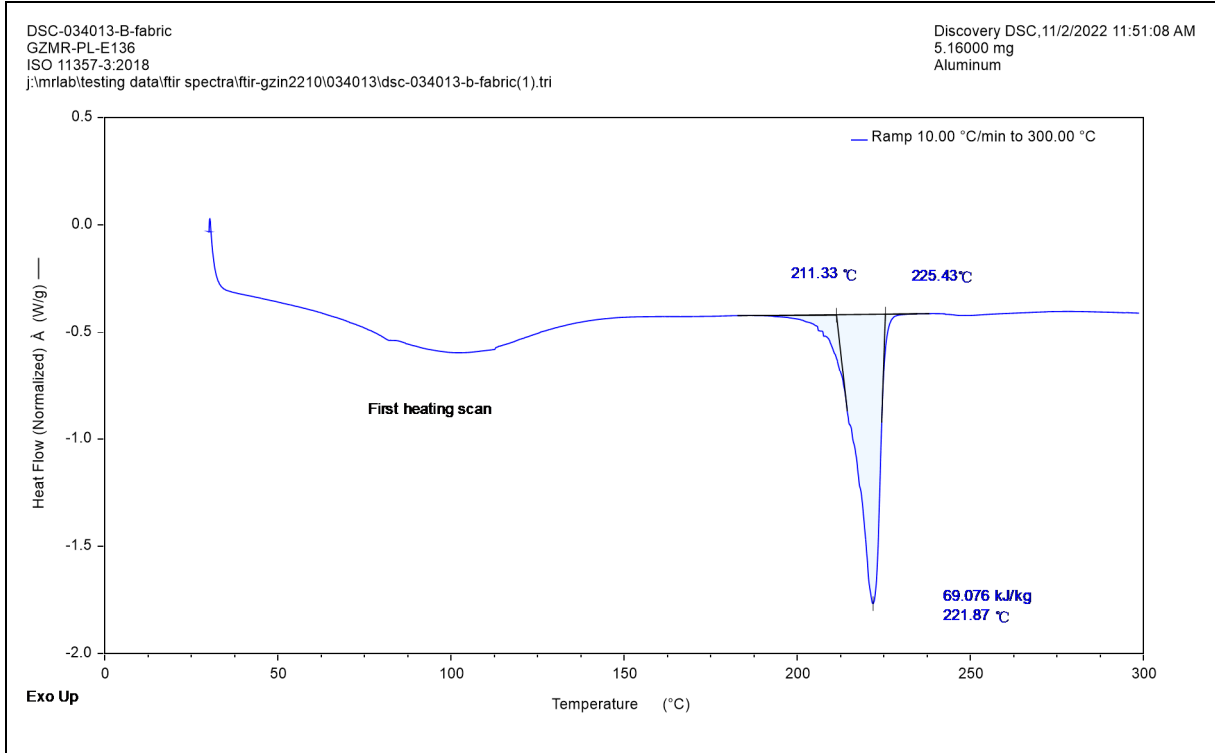
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Fig.1



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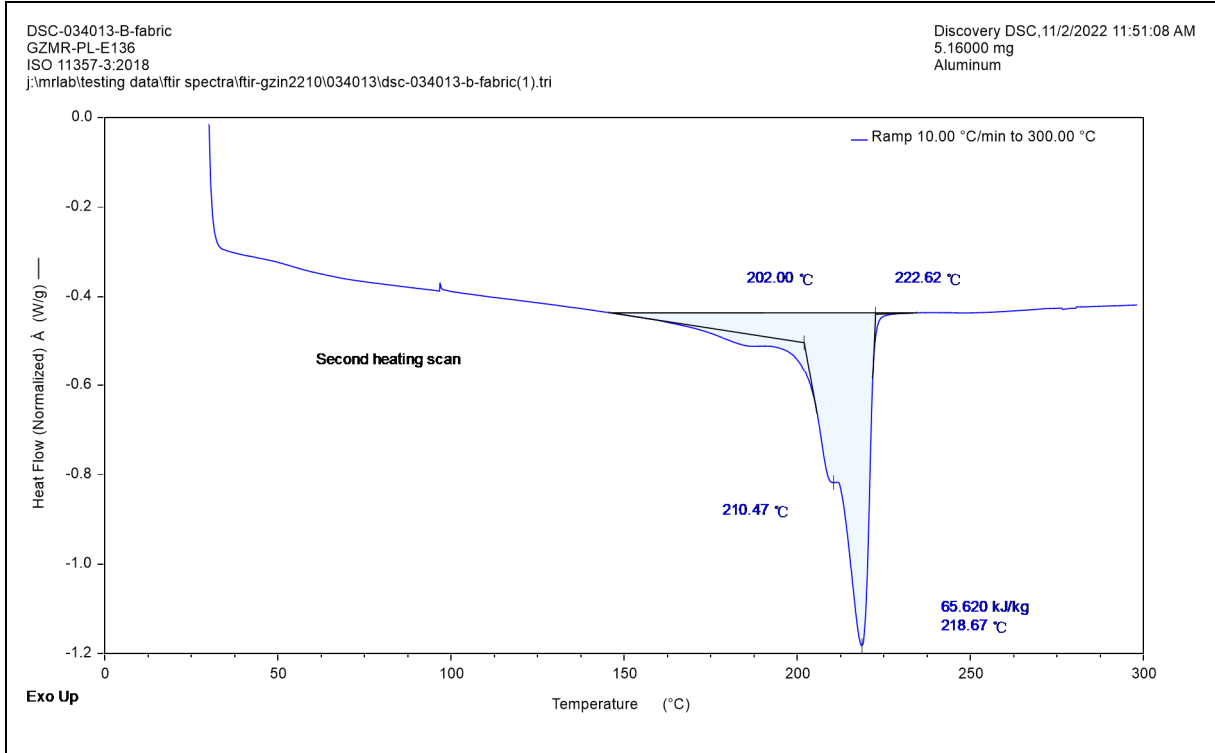
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Fig.2



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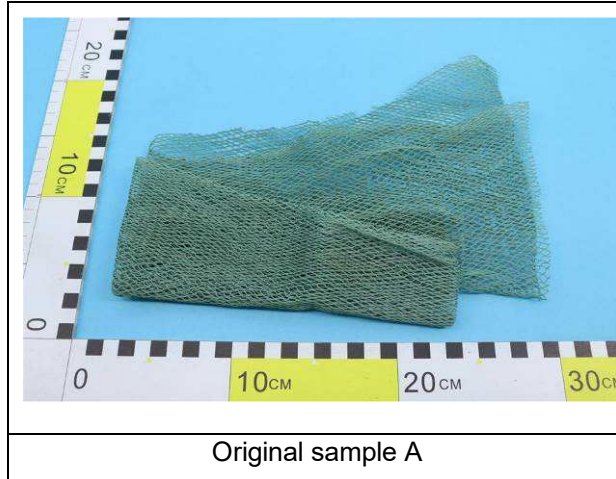
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Test Photo:



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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