



TEST REPORT

No. : GZMR251003102001

Date : Oct 25, 2025

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CUSTOMER NAME: QINGDAO CSP INDUSTRY AND TRADE CO., LTD.

ADDRESS: 10F NO.176, JUFENG ROAD, LICANG DISTRICT, QINGDAO, CHINA

Sample Name : EPDM PARTICLES

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. : TJMR2510006021,QDP25-004894

Date of Receipt : Oct 21, 2025

Testing Start Date : Oct 21, 2025

Testing End Date : Oct 25, 2025

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. Guangzhou Branch

Cathy Peng
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Compositional Analysis by Thermogravimetry	ISO 9924-2:2016	See result	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



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Test Item: Thermogravimetry Analysis (TGA)
Sample Description: Plastic particle
Test Method: ISO 9924-2:2016, analysis was performed by TGA,
Test Condition:

- 1. Extraction solvent: Acetone;
- 2. Material of specimen holder: Platinum pan;
Balance purging gas flow rate (Nitrogen): 40ml/min;
Sample purging gas flow rate (Nitrogen): 60ml/min;
Equilibrate at 40°C;
Ramp 20°C/min to 600°C;
Ramp 20°C/min to 400°C, isothermal for 5min;
Nitrogen (Sample purging gas) switch to air, 60ml/min;
Ramp 10°C/min to 800°C, isothermal 5 min.

Test Result:

Result (TGA curve see Fig.1)	
Solvent extract	10.6%
Polymer(See note 1)	13.1%

Note:

- 1. Polymer = Total organic matter – Solvent extract.
- 2. The loss in mass indicates approximately the total content of nonrubber organic matter volatile.
In general, this value is not equivalent to the value of the solvent extract.



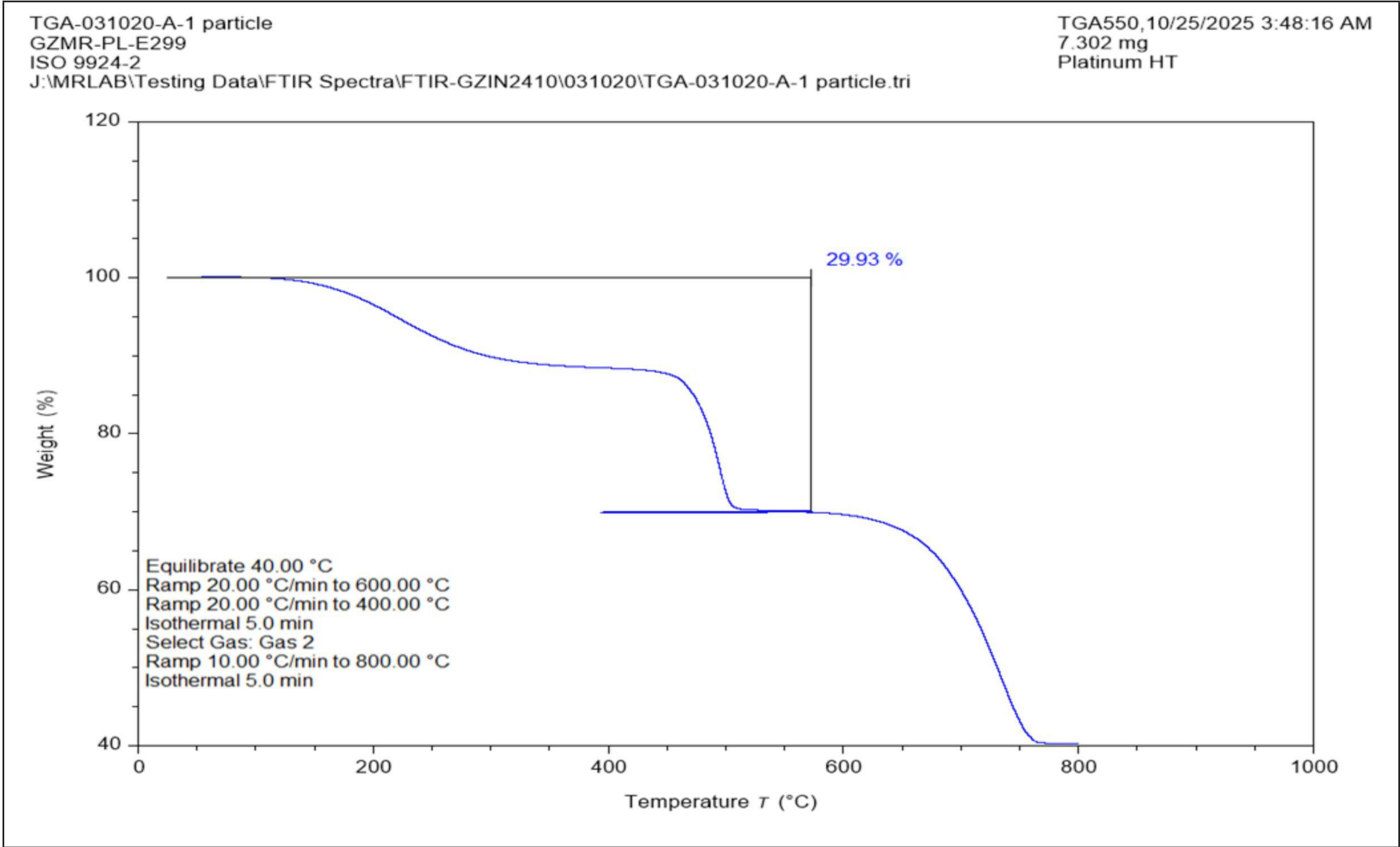
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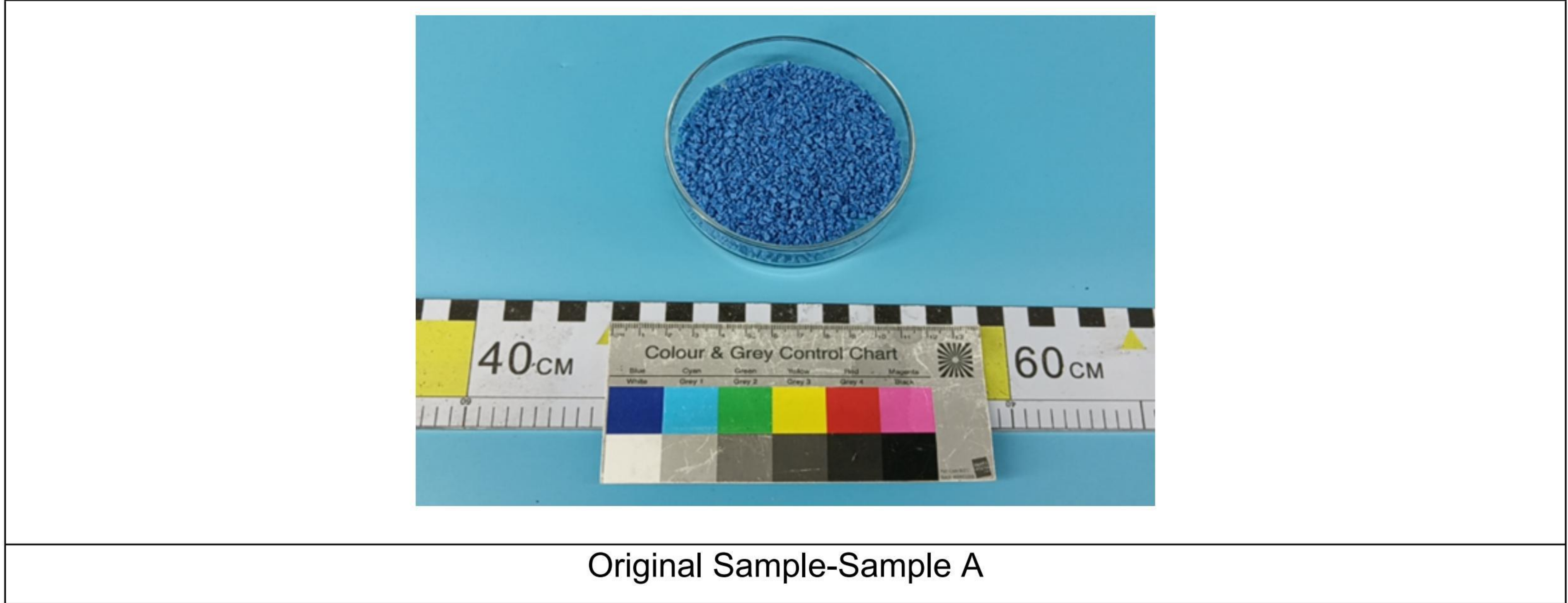
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Fig.1



Test Photo:



Original Sample-Sample A



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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
TGA	TA Q550	GZMR-PL-E299	2024-08-01	2026-07-31

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



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