



## Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a testing laboratory of ASNITE accreditation program.

Accreditation Identification: ASNITE 0124 Testing

Name of Conformity Assessment Body: Plastic Inspection & Analysis Center,  
RHOMBIC Corporation.

Name of Legal Entity: RHOMBIC Corporation.

Location of Conformity Assessment Body: 191-1, Oazashiohama, Yokkaichi-shi, Mie 510-0863,  
JAPAN

Scope of Accreditation: as the following pages

Accreditation Requirement: ISO/IEC 17025:2017\*

\* The relevant accreditation requirements described in the Accreditation Scheme Document for ASNITE-T (E) are also applied.

Effective Date of Accreditation: 2021-05-28

Expiry Date of Accreditation: 2025-05-27

Date of Initial Accreditation: 2015-01-26

A handwritten signature in black ink, appearing to read 'K. Saito'.

SAITO Kazunori

Chief Executive, International Accreditation Japan (IAJapan)

National Institute of Technology and Evaluation

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- International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APAC (Asia Pacific Accreditation Cooperation).
  - MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programs, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.
  - This laboratory fulfills ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation means this laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).
  - The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

(Attachment)

Name of Laboratory: Plastic Inspection & Analysis Center, RHOMBIC Corporation.  
 Address of Laboratory: 191-1, Oazashiohama, Yokkaichi-shi, Mie 510-0863, JAPAN  
 Work to carry out: Control of management system, Service to the customer, Review of request,  
 Sample storage, Analytical test, Ensuring the validation of results,  
 Reporting of results.

Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical products	Polymer	Density	Density/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Moulding (Compression moulding, Machining) ISO 293:2004 ISO 2818:2018 (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 1183-1:2019 Method A	2021-05-28
			Density/ PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 1183-1:2019 Method A	2021-05-28
			Density/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Moulding (Machining) ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 1183-1:2019 Method A	2021-05-28
		Moulding Properties (Rheology)	MFR/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Determination ISO 1133-1:2022 Method A	2021-05-28
			MVR/ PP (ISO 19069-2:2016)	1. Determination ISO 1133-1:2022 Method B	2021-05-28

PE: Polyethylene, PP: Polypropylene, PS: Polystyrene, PS-I: Impact-resistant Polystyrene, SAN: Styrene/acrylonitrile,  
 ABS: Acrylonitrile-butadiene-styrene, PA: Polyamide, PVC-U: Unplasticized polyvinyl chloride

Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Polymer	Mechanical Properties	Tensile Property/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Moulding (Compression moulding, Machining) ISO 293:2004 ISO 2818:2018 (Injection moulding) ISO 294-1:2017 2. Conditioning ISO 291:2008 3. Determination ISO 527-1:2019 ISO 527-2:2012	2021-05-28
			Tensile Property/ PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding) ISO 294-1:2017 2. Conditioning ISO 291:2008 3. Determination ISO 527-1:2019 ISO 527-2:2012	2021-05-28
			Tensile Property/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Conditioning ISO 291:2008 2. Determination ISO 527-1:2019 ISO 527-2:2012	2021-05-28
			Flexural Property/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Moulding (Compression moulding, Machining) ISO 293:2004 ISO 2818:2018 (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 178:2019	2021-05-28
			Flexural Property/ PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 178:2019	2021-05-28
			Flexural Property/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Moulding (Machining) ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 178:2019	2021-05-28
			Flexural Property/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Moulding (Machining) ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 178:2019	2021-05-28

PE: Polyethylene, PP: Polypropylene, PS: Polystyrene, PS-I: Impact-resistant Polystyrene, SAN: Styrene/acrylonitrile, ABS: Acrylonitrile-butadiene-styrene, PA: Polyamide, PVC-U: Unplasticized polyvinyl chloride

Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Polymer	Mechanical Properties	Charpy Impact Property/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Moulding (Compression moulding, Machining) ISO 293:2004 ISO 2818:2018 (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 179-1:2010 Notched specimen Type A or unnotched specimen.	2021-05-28
			Charpy Impact Property/ PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 179-1:2010 Notched specimen Type A or unnotched specimen.	2021-05-28
			Charpy Impact Property/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Moulding (Machining) ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 179-1:2010 Notched specimen Type A or unnotched specimen.	2021-05-28

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Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Polymer	Mechanical Properties	Izod Impact Strength/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Moulding (Compression moulding, Machining) ISO 293:2004 ISO 2818:2018 (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 180:2019 Notched specimen Type A or unnotched specimen.	2021-05-28
			Izod Impact Strength/ PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 180:2019 Notched specimen Type A or unnotched specimen.	2021-05-28
			Izod Impact Strength/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Moulding (Machining) ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 180:2019 Notched specimen Type A or unnotched specimen.	2021-05-28
			Rockwell Hardness/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016) PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding) ISO294-3:2020 2. Conditioning ISO 291:2008 3. Determination ISO 2039-2:1987	2021-05-28
			Rockwell Hardness / PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Conditioning ISO 291:2008 2. Determination ISO 2039-2:1987	2021-05-28

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Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Polymer	Thermal Property	Deflection Temperature under load/ PE (ISO 17855-2:2016) PP (ISO 19069-2:2016)	1. Moulding (Compression moulding, Machining) ISO 293:2004 ISO 2818:2018 (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 75-1:2020 ISO 75-2:2013 Load, Method A: 1.80 MPa, Method B: 0.45 MPa	2021-05-28
			Deflection Temperature under load/ PS (ISO 24022-2:2020) PS-I (ISO 19063-2:2020) SAN (ISO 19064-2:2020) ABS (ISO 19062-2:2019)	1. Moulding (Injection moulding, Machining) ISO 294-1:2017 ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 75-1:2020 ISO 75-2:2013 Load, Method A: 1.80 MPa, Method B: 0.45 MPa	2021-05-28
			Deflection Temperature under load/ PA (ISO 16396-2:2022) PVC-U (ISO 21306-2:2019)	1. Moulding (Machining) ISO 2818:2018 2. Conditioning ISO 291:2008 3. Determination ISO 75-1:2020 ISO 75-2:2013 Load, Method A: 1.80 MPa, Method B: 0.45 MPa	2021-05-28

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(End of Attachment)