



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: Plastics 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 ASNITE -
T (E) Accreditation Scheme Document 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 'Kozo Sakamoto', is written over a large, faint watermark of the IA Japan logo.

SAKAMOTO Kozo

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: Plastics 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 requests, Sample storage, Analytical test, Ensuring the validity 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) PP (ISO 19069-2)	1. Moulding (Compression moulding, Machining) ISO 293 ISO 2818 (Injection moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 1183-1 Method A	2021.05.28
			Density/ PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding (Compression moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 1183-1 Method A	2021.05.28
			Density/ PA (ISO 16396-2) PVC-U (ISO 1163-2)	1. Moulding (Machining) ISO 2818 2. Conditioning ISO 291 3. Determination ISO 1183-1 Method A	2021.05.28
		Moulding Properties (Rheology)	MFR/ PE (ISO 17855-2) PP (ISO 19069-2)	1. Determination ISO 1133-1 Method A	2021.05.28
			MVR/ PP (ISO 19069-2)	1. Determination ISO 1133-1 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

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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) PP (ISO 19069-2)	1. Moulding (Compression moulding, Machining) ISO 293 ISO 2818 (Injection moulding) ISO 294-1 2. Conditioning ISO 291 3. Determination ISO 527-1 ISO 527-2	2021.05.28
			Tensile Property/ PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding (Injection moulding) ISO 294-1 2. Conditioning ISO 291 3. Determination ISO 527-1 ISO 527-2	2021.05.28
			Tensile Property/ PA (ISO 16396-2) PVC-U (ISO 1163-2)	1. Conditioning ISO 291 2. Determination ISO 527-1 ISO 527-2	2021.05.28
			Flexural Property/ PE (ISO 17855-2) PP (ISO 19069-2)	1. Moulding (Compression moulding, Machining) ISO 293 ISO 2818 (Injection moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 178	2021.05.28

PE: Polyethylene, PP: Polypropylene, PS: Polystyrene, PS-I: Impact-resistant Polystyrene,
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Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Polymer	Mechanical Properties	Flexural Property/ PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding (Compression moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 178	2021.05.28
			Flexural Property/ PA (ISO 16396-2) PVC-U (ISO 1163-2)	1. Moulding (Machining) ISO 2818 2. Conditioning ISO 291 3. Determination ISO 178	2021.05.28
			Charpy impact Property/ PE (ISO 17855-2) PP (ISO 19069-2)	1. Moulding (Compression moulding, Machining) ISO 293 ISO 2818 (Injection moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 179-1 Notched specimen Type A or unnotched specimen	2021.05.28
			Charpy impact Property/ PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding (Compression moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 179-1 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	Charpy impact Property/ PA (ISO 16396-2) PVC-U (ISO 1163-2)	1. Moulding (Machining) ISO 2818 2. Conditioning ISO 291 3. Determination ISO 179-1 Notched specimen Type A or unnotched specimen	2021.05.28
			Izod impact strength/ PE (ISO 17855-2) PP (ISO 19069-2)	1. Moulding (Compression moulding, Machining) ISO 293 ISO 2818 (Injection moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 180 Notched specimen Type A or unnotched specimen	2021.05.28
			Izod impact strength/ PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding (Injection moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 180 Notched specimen Type A or unnotched specimen	2021.05.28
			Izod impact strength/ PA (ISO 16396-2) PVC-U (ISO 1163-2)	1. Moulding (Machining) ISO 2818 2. Conditioning ISO 291 3. Determination ISO 180 Notched specimen Type A or unnotched specimen	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

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Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Polymer	Mechanical Properties	Rockwell hardness/ PE (ISO 17855-2) PP (ISO 19069-2) PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding ISO 294-3 Amendment 1 2. Conditioning ISO 291 3. Determination ISO 2039-2	2021.05.28
			Rockwell hardness/ PA PVC-U	1. Conditioning ISO 291 2. Determination ISO 2039-2	2021.05.28
		Thermal Property	Deflection temperature under load/ PE (ISO 17855-2) PP (ISO 19069-2)	1. Moulding (Compression Moulding, Machining) ISO 293 ISO 2818 (Injection Moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 75-1 ISO 75-2 Load, Method A: 1.80MPa Method B: 0.45MPa	2021.05.28
			Deflection temperature under load/ PS (ISO 1622-2) PS-I (ISO 2897-2) SAN (ISO 4894-2) ABS (ISO 2580-2)	1. Moulding (Compression Moulding, Machining) ISO 294-1 ISO 2818 2. Conditioning ISO 291 3. Determination ISO 75-1 ISO 75-2 Load, Method A: 1.80MPa Method B: 0.45MPa	2021.05.28

PE: Polyethylene, PP: Polypropylene, PS: Polystyrene, PS-I: Impact-resistant Polystyrene,
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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/ PA (ISO 16396-2) PVC-U (ISO 1163-2)	1. Moulding (Machining) ISO 2818 2. Conditioning ISO 291 3. Determination ISO 75-1 ISO 75-2 Load, Method A: 1.80MPa Method B: 0.45MPa	2021.05.28

PA: Polyamide, PVC-U: Unplasticized polyvinyl chloride

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