



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QUALITY SYNTHETIC RUBBER, INC.
3565 Highland Park St. NW
N. Canton, OH 44720
Ben Kitson Phone: 330 498 6347

MECHANICAL

Valid To: September 30, 2022

Certificate Number: 0763.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on rubber:

<u>Test Method</u>	<u>Test Name</u>
ASTM D297 (Section 16.3); ISO 2781 (Method A)	Chemical Analysis of Rubber Products Density (Hydrostatic Method) at $(23 \pm 2)^{\circ}\text{C}$
ASTM D395 (Method B); ISO 815-1	Compression Set
ASTM D412 (Method A); DIN 53504	Tension
ASTM D471; ISO 1817	Effect of Liquids
ASTM D573; ISO 188	Deterioration in an Air Oven
ASTM D624 (Method B, C, T); ISO 34-1	Tear Resistance
ASTM D832	Rubber Conditioning for Low Temperature Testing
ASTM D865	Deterioration by Heating in Air (Test Tube Enclosure)
ASTM D1229	Compression Set at Low Temperatures
ASTM D1329	Retraction at Low Temperature (TR Test)
ASTM D2137	Brittleness Point

<u>Test Method</u>	<u>Test Name</u>
ASTM D2240; ISO 7619-1	Durometer Hardness (Shore A)
ASTM D2632	Resilience by Vertical Rebound
ASTM D6147 (Method B)	Determination of Force Decay (Stress Relaxation) in Compression
GMW17113 (Method A)	Specifying Conditions for Compression Stress Relaxation Testing of Rubber
SAE J2979	Method for Determination of Compressive Stress Relaxation (CSR) Response
ISO 11346, 11.1	Estimation of Life-Time and Maximum Temperature of Use
SAE/USCAR-2 (Section 5.1.7)	Connector Cycling
SAE/USCAR-2 (Section 5.1.8)	Visual Inspection
SAE/USCAR-2 (Section 5.1.10)	Sample Preparation
SAE/USCAR-2 (Section 5.5.1)	Insulation Resistance
SAE/USCAR-2 (Section 5.6.2)	Temperature/Humidity Cycling
SAE/USCAR-2 (Section 5.6.3)	High Temperature Exposure
SAE/USCAR-2 (Section 5.6.4)	Fluid Resistance
SAE/USCAR-2 (Section 5.6.5)	Submersion
SAE/USCAR-2 (Section 5.6.6)	Pressure/Vacuum Leak





Accredited Laboratory

A2LA has accredited

QUALITY SYNTHETIC RUBBER, INC.

North Canton, OH

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 4th day of November 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0763.01
Valid to September 30, 2022

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.