



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QUALITY SYNTHETIC RUBBER, INC.
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MECHANICAL

Valid To: September 30, 2020

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

Test Method

Test Name

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