



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

COOPER TIRE & RUBBER COMPANY – MATERIALS LABORATORY

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MECHANICAL

Valid to: November 30, 2022

Certificate Number: 3645.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for the following tests on tire-related materials:

Tests:

Test Methods:

Sample Preparation

Compounding
Mixing
ReMill and Specimen Preparation
Curing

ASTM D3182
ASTM D3182
ASTM D3182
ASTM D3182

Composite and Reinforcement Testing

H-Adhesion
1/2 Inch Pull Through
Bead Block Adhesion
Bead Wire Tensile
Stress-Strain
STC Tensile
Tear Strength
Tensile/Elongation of Tire Cord Fabric
Rubber – Measurement of Dimensions

ASTM D4776
ASTM D2229
ASTM D1871
ASTM D4975, Sections 7 to 13
ASTM D412, Method A
ASTM D2969, Section 10
ASTM D624
ASTM D885, Sections 16 and 19
ASTM D3767, Procedures A, B and C

Stock Testing

Compression Set
Mooney
Scorch
Moving Die Rheometer
Density of Rubber
Durometer Hardness (Shore A)

ASTM D395, Method B
ASTM D1646
ASTM D1646
ASTM D5289
ASTM D297, Section 16.3
ASTM D2240

Dynamic Properties Testing

DeMattia Flexometer
Abrasion

ASTM D813
ASTM D5963 Methods A & C

Tests:

Accelerated Aging

Dynamic Ozone Cracking in a Chamber
Static Ozone Cracking in a Chamber
Accelerated Aging – Oxygen
Deterioration in an Air Oven

Test Methods:

ASTM D1149, Method A
ASTM D1149, Method B
ASTM D572 (*Up to 50 psi*)
ASTM D573

Raw Material Release Testing

Iodine Absorption Number
OAN – Oil Absorption Number
Ash Content
Density
Nitrogen Surface Area
Volatiles
Flash Point

ASTM D1510
ASTM D2414
ASTM D1506
ASTM D1298
ASTM D6556
ASTM D4571
ASTM D92

WITHDRAWN



Accredited Laboratory

A2LA has accredited

COOPER TIRE & RUBBER COMPANY – MATERIALS LABORATORY

Findlay, 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 2nd day of March 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3645.01
Valid to November 30, 2022

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