

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-21497-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 23.08.2023Date of issue: 13.11.2023

Holder of accreditation certificate:

BOGE Elastmetall GmbH Dr.-Jürgen-Ulderup-Platz 1, 49401 Damme

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and confirm generally with the principles of DIN EN ISO 9001.

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at https://www.dakks.de.

Abbreviations used: see last page Page 1 of 4



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Tests in the areas:

determination of rheological and thermal properties; artificial ageing / environmental simulation; determination of physical properties such as tear resistance, elasticity, compression set, toughness; hardness tests as well as strength tests on rubber, caoutchouc and plastics; corrosion tests on metallic materials and surface protection systems

1 rheological tests / thermal properties

ISO 6502-3 2018-07	Rubber - Measurement of vulcanization characteristics using curemeters - Part 3: Rotorless curemeter
ASTM D 5289a 2019	Standard Test Method for Rubber Property-Vulcanization Using Rotorless Cure Meters
DIN EN ISO 1133-1 2012-03	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method
ISO 1133-1 2011-12	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method

2 artificial ageing / environmental simulation / corrosion test

DIN 53508 2000-03	Testing of rubber - Accelerated ageing
ISO 188 2011-10	Rubber, vulcanized or thermoplastic - Accelerated ageing and heat resistance tests
DIN 53497 2017-04	Testing of plastics - Hot storage test on mouldings made of thermoplastic moulding materials without external mechanical stressing
DIN EN ISO 9227 2017-07	Corrosion tests in artificial atmospheres - Salt spray tests

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physical properties (tear resistance, elasticity, compression set, toughness)

DIN ISO 34-1 2016-09	Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces
ISO 34-1 2015-06	Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces
DIN 53512 2000-04	Testing of rubber - Determination of rebound resilience (Schob pendulum)
ISO 4662 2017-06	Rubber, vulcanized or thermoplastic - Determination of rebound resilience
DIN ISO 815-1 2022-04	Rubber, vulcanized or thermoplastic - Determination of compression set - Part 1: At ambient or elevated temperatures
ISO 815-1 2019-11	Rubber, vulcanized or thermoplastic - Determination of compression set - Part 1: At ambient or elevated temperatures
DIN EN ISO 179-1 2010-11	Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test
ISO 179-1 2010-06	Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test
DIN EN ISO 180 2020-03	Plastics - Determination of Izod impact strength
ISO 180 2019-11	Plastics - Determination of Izod impact strength
VW PV 3307 2019-03	Elastomer components Plastic and elastic deformability

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4 hardness tests

ISO 48-4 Rubber, vulcanized or thermoplastic - Determination of hardness - Part 4:

2018-08 Indentation hardness by durometer method (Shore hardness)

ASTM D 2240 Standard Test Method for Rubber Property Durometer Hardness

2015

DIN EN ISO 868 Plastics and ebonite - Determination of indentation hardness by means of a

2003-10 durometer (Shore hardness)

5 strength tests

ISO 37 Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain

2017-11 properties

DIN 53504 Testing of rubber - Determination of tensile strength at break, tensile stress at

2017-03 yield, elongation at break and stress values in a tensile test

DIN EN ISO 527-1 Plastics - Determination of tensile properties - Part 1: General principles

2019-12

DIN EN ISO 527-2 Plastics - Determination of tensile properties - Part 2: Test conditions for

2012-06 moulding and extrusion plastics

ISO 527-1 Plastics - Determination of tensile properties - Part 1: General principles

2019-07

ISO 527-2 Plastics - Determination of tensile properties - Part 2: Test conditions for

2012-02 moulding and extrusion plastics

DIN EN ISO 178 Plastics - Determination of flexural properties

2019-08

ISO 178 Plastics - Determination of flexural properties

2019-04

Abbreviations used:

DIN German Institute for Standardization

EN European Standard

IEC International Electrotechnical CommissionISO International Organization for StandardizationVW PV Group standard of Volkswagen Aktiengesellschaft

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