

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-11060-05-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 03.03.2022

Date of issue: 03.03.2022

Holder of certificate:

Dekra Automobil GmbH
Handwerkstraße 15, 70565 Stuttgart

at Location:

Labor für Materialprüfung und Schadensanalytik
Unidekstraße 5, 75015 Bretten

Tests in the fields:

mechanical, thermic and chemical-physical testing of metals, plastics and elastomers; analytical methods for analysing of materials; metallographical analysis; environmental simulations, corrosion tests and determination of resistance to chemicals; testings of surfaces and coatings

Within the scope of accreditation marked with *, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing procedures within the flexible scope of accreditation.

1 Mechanical tests *

DIN EN ISO 6506-1 2015-02	Metallic materials - Brinell hardness test - Part 1: Test method (HBW 1/10, HBW 2,5/62,5 und HBW 2,5/187,5)
DIN EN ISO 6507-1 2018-07	Metallic materials - Vickers hardness test - Part 1: Test method (HV1 und HV10)

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Abbreviations used: see last page

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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DIN ISO 48-4 2021-02	Rubber, vulcanised or thermoplastic - Determination of hardness - Part 1: Indentation with durometer method (<i>Shore hardness A and D</i>)
DIN 53504 2017-03	Testing of rubber - Determination of tensile strength at break, tensile stress at yield, elongation at break and stress values in a tensile test
DIN EN ISO 6892-1 2020-06	Metallic materials - Tensile testing - Part 1: Method of test at room temperature (here: <i>method B</i>)
DIN EN ISO 527-2 2012-06	Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics
DIN EN ISO 527-3 2019-02	Plastics - Determination of tensile properties - Part 3: Test conditions for films and sheets

2 Analytic methods *

DIN EN ISO 11357-2 2020-08	Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature and glass transition step height
DIN EN ISO 11357-3 2018-07	Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization (<i>withdrawn standard</i>)
DIN EN ISO 11358-1 2014-10	Thermogravimetry (TGA-analysis) of polymers – Part 1: General principles

3 Spectral analysis

PV-001_FT-IR 2016-06	Spectral analysis using IR spectrometer for plastics (thermoplastics, thermosets, elastomers) and organic compounds analysis
PV-002_OES 2016-06	Optical emission spectroscopy (OES - spark spectrometer) to determine chemical compounds of the following alloys: Iron, aluminium and copper base, rare earths

4 Environmental simulations, corrosion tests and determination of resistance to chemicals *

DIN EN ISO 9227 2017-07	Corrosion tests in artificial atmospheres - Salt spray tests (here: <i>chapter 3.2.2</i>)
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DIN EN ISO 6270-2
2018-04 Paints and varnishes - Determination of resistance to humidity - Part 2:
Condensation (in-cabinet exposure with heated water reservoir)

DIN 75200
1980-09 Determination of burning behaviour of interior materials in motor
vehicles

5 Testings of surfaces and coatings *

DIN EN ISO 2409
2020-12 Paints and varnishes - Cross-cut test

ISO 2808
2019-02 Paints and varnishes - Determination of film thickness
(here: *method 6A cross-section / polish*)

abbreviations used:

DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
PV-00X_YZ	In house method of Labor für Materialprüfung und Schadensanalytik of Dekra Automobil GmbH

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