

# Deutsche Akkreditierungsstelle

## Annex to the Partial Accreditation Certificate D-PL-21177-01-02 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 14.12.2023

**Date of issue:** 14.12.2023

This annex is a part of the accreditation certificate D-PL-21177-01-00.

Holder of partial accreditation certificate:

**Carcoustics TechConsult GmbH  
Neuenkamp 8, 51381 Leverkusen**

with the location

**Carcoustics TechConsult GmbH  
Zentrallabor  
Neuenkamp 8, 51381 Leverkusen**

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.

Tests in the fields:

**Selected physical-technological tests and determination of burning behaviour to determine the material properties of textiles, plastics and foams, as well as odour tests on components of vehicle interiors**

*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>.*

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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. Determination of the burning behavior \***

|                              |  |
|------------------------------|--|
| DIN EN 60695-2-13<br>2022-11 | Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials |
| DIN EN 60695-2-11<br>2022-12 | Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT)     |
| DIN EN 60695-2-12<br>2022-11 | Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials   |

**2. Determination of the odor behavior of materials used in automotive interior trim \***

|                    |  |
|--------------------|--|
| VDA 270<br>2022-05 | Determination of the odour characteristics of trim materials in motor vehicles |
|--------------------|--|

*There is no flexibility for the following test procedures:*

|                                |   |
|--------------------------------|---|
| VW PV 3900<br>2019-04          | Components in Passenger Compartment – Odor Test |
| Ford FLTM BO 131-03<br>2017-05 | Interior Odor Test                              |

**3. Determination of the fogging behavior of materials used in automotive interior trim \***

|                      |   |
|----------------------|---|
| DIN 75201<br>2011-11 | Determination of the fogging characteristics of trim materials in the interior of automobiles<br>(here: <i>Method A and B</i> ) |
|----------------------|---|

*There is no flexibility for the following test procedure:*

|                       |   |
|-----------------------|---|
| VW PV 3015<br>2019-04 | Non-Metallic Materials for Interior Trim - Identification of Condensable Components |
|-----------------------|---|

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**4. Determination of environmental influences and resistances \***

DIN EN ISO 2440 Flexible and rigid cellular polymeric materials - Accelerated ageing tests  
2020-03

*There is no flexibility for the following test procedures:*

MBN 55555-4 Non-metallic materials, material systems and semi-finished Products -  
2018-08 Part 4: Thermal Tests  
(except 5.4 and 5.8)

MBN 51000-4 Polymer-based materials, material systems and semi-finished Products -  
2022-08 Part 4: Thermal Tests  
(except 5.4 und 5.8)

**5. Determination of deformation/strength properties**

ISO 527-3 Plastics - Determination of tensile properties - Part 3: Test conditions for  
2018-11 films and sheets

ISO 1798 Flexible cellular polymeric materials - Determination of tensile strength  
2008-02 and elongation at break

DIN EN ISO 3386-1 Polymeric materials, cellular flexible - Determination of stress-strain  
2015-10 characteristics in compression - Part 1: Low-density materials

ISO 1856 Flexible cellular polymeric materials - Determination of compression set  
2018-06

DIN 53530 Testing of organic materials - Separation test on fabric plies bonded  
1981-02 together

DIN 53357 Testing of plastics sheets - adhesion test  
1982-10 (*withdrawn standard*)

ISO 13934-1 Textiles - Tensile properties of fabrics - Part 1: Determination of maximum  
2013-04 force and elongation at maximum force using the strip method

ASTM D 3574 Standard Test Methods for Flexible Cellular Materials-Slab, Bonded, and  
2017 Molded Urethane Foams  
(here: *test D and E*)

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|                        |  |
|------------------------|--|
| MBN 55555-6<br>2018-02 | Non-metallic materials, material systems and semi-finished products -<br>Part 6: Mechanical Tests<br>(only Section 5.17)   |
| MBN 51000-6<br>2022-08 | Polymer-based Materials, Material Systems, and Semi-finished Products -<br>Part 6: Mechanical Tests<br>(only Section 5.20) |
| DBL 5452<br>2023-04    | Stress-strain properties under compression - Part 1: Low density foams   |

**6. Physical tests \***

|                    |   |
|--------------------|---|
| ISO 845<br>2006-12 | Cellular plastics and rubbers - Determination of apparent density |
|--------------------|---|

**Abbreviations used:**

|           |  |
|-----------|--|
| ASTM      | American Society for Testing and Materials                       |
| DBL       | Mercedes Benz Delivery Specification                             |
| DIN       | German Institute for Standardization                             |
| EN        | European Standard  |
| FMVSS     | Test Specification of Federal Motor Vehicle Safety Standard      |
| Ford FLTM | Ford Laboratory Test Method                                      |
| GB        | Test Specification Guobiao MPR China Certification GmbH          |
| GS        | Test Specification Bayerische Motoren Werke Aktiengesellschaft   |
| ISO       | International Organization for Standardization                   |
| MBN       | Mercedes Benz Test Specification                                 |
| PV/TL     | Volkswagen Test Specification / Technical Delivery Specification |
| VDA       | German Association of the Automotive Industry                    |

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