

## Deutsche Akkreditierungsstelle GmbH

### Annex to the Accreditation Certificate D-PL-17509-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **12.03.2021**

Date of issue: 08.01.2024

Holder of certificate:

**Gesellschaft zur Förderung des technischen Nachwuchses Darmstadt e. V.  
Haardtring 100, 64295 Darmstadt**

With its testing laboratory:

**Arbeitskreis für Werkstoffprüfung (AWP)  
Haardtring 100, 64295 Darmstadt**

Tests in the fields:

**selected mechanical-technological, thermal and physical tests on plastics**

**The testing laboratory is permitted to use the standardized or equivalent test methods listed here with different versions of the standards without the need for prior information and approval by DAkkS. The testing laboratory has an up-to-date list of all test methods in the flexible accreditation area.**

*The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.*

*The certificate together with the annex 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/en/content/accredited-bodies-dakks>.*

Abbreviations used: see last page

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

**Annex to the accreditation certificate D-PL-17509-01-00**

**1 Mechanical-technological tests**

DIN EN ISO 178 2013-09	Plastics - Determination of flexural properties
DIN EN ISO 179-1 2010-11	Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test
DIN EN ISO 180 2013-08	Plastics - Determination of Izod impact strength
DIN EN ISO 527-1 2012-06	Plastics - Determination of tensile properties - Part 1: General principles
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 2003-07	Plastics - Determination of tensile properties - Part 3: Test conditions for films and sheets
DIN EN ISO 6603-2 2002-04	Plastics - Determination of puncture impact behaviour of rigid plastics - Part 2: Instrumented puncture test

**2 Thermal tests**

DIN EN ISO 75-2 2013-08	Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite
DIN EN ISO 306 2014-03	Plastics - Thermoplastic materials - Determination of Vicat softening temperature (VST)

**3 Physical tests**

DIN EN ISO 1183-1 2019-09	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method (here: <i>Immersion method</i> )
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**Abbreviations used:**

DIN	German Institute for Standardization
EN	European Standard
ISO	International Organization for Standardization

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