
**Plastics — Evaluation of the adhesion
interface performance in plastic-metal
assemblies —**

**Part 6:
Accelerated degradation test**

*Plastiques — Évaluation des performances de l'interface d'adhérence
dans les assemblages plastique-métal —*

Partie 6: Essai de dégradation accéléré

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

A list of all parts in the ISO 19095 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Structures of heterogeneous materials are being manufactured in the automotive and aerospace industry sectors, where higher safety margins are required. The existing test methods are not appropriate because the evaluation of the adhesive interface is difficult, as the polymer material has a relatively low mechanical strength and therefore fractures outside the joints. Therefore, it is necessary to develop a methodology for the evaluation of the adhesive interfaces. A test method to accurately evaluate the adhesion interface performance or standardization of long-term evaluation under harsh environments is also necessary. The method in ISO 19095 is intended to ensure that the integrity of the joint is realized through the interface and that traceability of the value improves the data comparison. This document defines the conditions to evaluate the long-term durability which cannot be evaluated using ISO 19095-4.

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