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Aerospace series - Anaerobic polymerisable compounds - Technical specification

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ICS 49.060

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3792

May 2022

ICS

English Version

Aerospace series - Anaerobic polymerisable compounds - Technical specification

Série aérospatiale - Composés polymérisables anaérobies - Spécification technique

Luft- und Raumfahrt - Anaerobe polymerisierbare Klebstoffe - Technische Lieferbedingungen

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Ref. No. EN 3792:2022 E

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European foreword

This document (EN 3792:2022) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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1 Scope

This document specifies the requirements for a range of one part anaerobic polymerisable compounds which polymerises upon the exclusion of oxygen and activation by a metal surface.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 3793, *Aerospace series — Anaerobic polymerisable compounds — Test method — Determination of static shear strength* 1)

EN 3794, *Aerospace series — Anaerobic polymerisable compounds — Test method — Determination of torque strength on threaded fasteners* 1)

EN 3795, *Aerospace series — Anaerobic polymerisable compounds — Test method — Determination of freedom from excessive cure rate* 1)

EN 3796, *Aerospace series — Anaerobic polymerisable compounds — Test method — Determination of ability of anaerobic polymerisable compounds to set on metal surfaces* 1)

ISO 3104, *Petroleum products — Transparent and opaque liquids — Determination of kinematic viscosity and calculation of dynamic viscosity*[2]

ASTM-D 2196, *Standard Test Methods for Rheological Properties of Non-Newtonian Materials by Rotational Viscometer* 3)

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at https://www.iso.org/obp
- IEC Electropedia: available at https://www.electropedia.org/

3.1
activator
substance used in small proportions to increase the reaction rate of chemical systems

1) Published as ASD-STAN Standard at the date of publication of this standard by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), https://www.asd-stan.org/

2) Published by: ISO International Organization for Standardization https://www.iso.ch/

3) Published by: ASTM National (US) American Society for Testing and Materials https://www.astm.org/

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