

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Organické látky</b> <b>Skúšobná metóda</b> <b>Analýza pomocou infračervenej spektroskopie</b>	<b>STN</b> <b>EN 6042</b>  31 7110
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Aerospace series - Organic compounds - Test method - Analysis by infrared spectroscopy

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/24

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EUROPEAN STANDARD

**EN 6042**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Aerospace series - Organic compounds - Test method -  
Analysis by infrared spectroscopy**Série aérospatiale - Composés organiques - Méthode  
d'essai - Analyse par spectroscopie infrarougeLuft- und Raumfahrt - Organische Verbindungen -  
Prüfverfahren - Analyse durch Infrarot-Spektroskopie

This European Standard was approved by CEN on 12 June 2023.

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**EN 6042:2023 (E)****European foreword**

This document (EN 6042:2023) 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 document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, 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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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## 1 Scope

This document specifies the test method which describes the principles applicable to infrared transmission spectrophotometric analysis of organic compounds (elastomers, basic resins, resin mixes or resin systems) used as the matrix in reinforced polymers, adhesives, bonding primers and, in general terms, all organic compounds.

The method could also be applied to some inorganic products.

It is presupposed to be used jointly with special test conditions specified in the materials specification invoking the test.

This document does not give any directions necessary to meet the health and safety requirements. It is the responsibility of the user of this document to adopt appropriate health and safety precautions.

## 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 2743, *Aerospace series — Fibre reinforced plastics — Standard procedures for conditioning prior to testing unaged materials*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**