SLOVENSKI STANDARD

SIST EN 4057-305:2006

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Aeronavtika – Kabelske spojke za vezalno pasovje – Preskusne metode – 305. del: Barvna obstojnost

Aerospace series - Cable ties for harnesses - Test methods - Part 305: Colour fastness

Luft- und Raumfahrt - Befestigungsbänder für Leitungsbündel - Prüfverfahren - Teil 305: Farbbeständigkeit

Série aérospatiale - Frettes de câblage pour harnais - Méthodes d'essais - Partie 305 : Résistance a la décoloration

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Aerospace series - Cable ties for harnesses - Test methods - Part 305: Colour fastness

Série aérospatiale - Frettes de câblage pour harnais - Méthodes d'essais - Partie 305 : Résistance à la décoloration

Luft- und Raumfahrt - Befestigungsbänder für Leitungsbündel - Prüfverfahren - Teil 305: Farbbeständigkeit

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This European Standard (EN 4057-305:2005) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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of an identical text or by endorsement, at the latest by May 2006, and conflicting national standards shall be withdrawn at the latest by May 2006.

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1 Scope

This standard specifies the procedure to determine the colour fastness of coloured cable ties for harnesses for aerospace applications.

It shall be used together with EN 4057-100.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 4892-2, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc sources*

EN 4057-100, *Aerospace series — Cable ties for harnesses — Test methods — Part 100: General*

3 Apparatus

According to ISO 4892-2.

4 Procedure

It is only necessary to test one size of cable tie for each colour. Subject a specimen of each colour to the test for colour fastness to artificial light described in ISO 4892-2, determining the radiation dosage using blue dyed wool standards according to subclause 5.7.1 of ISO 4892-2 and with the following additional provisions:

— the temperature of the test enclosure shall not exceed 40 °C;

— no control of humidity shall be exercised.

Note the number of the wool standard whose first detectable fading corresponds with that of the specimen.

5 Requirements

The colour fastness of the specimen shall meet the requirements as specified in the appropriate product standard.