BS EN 4840-001:2018

BSI Standards Publication

Aerospace series - Heat shrinkable moulded shapes

Part 001: Technical specification

bsi.

National foreword

This British Standard is the UK implementation of EN 4840-001:2018.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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European foreword

This document (EN 4840-001:2018) 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of an identical text or by endorsement, at the latest by February 2019, and conflicting national standards shall be withdrawn at the latest by February 2019.

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1 Scope

This European standard specifies the required characteristics, test methods, qualification and production routine testing of heat shrinkable moulded shapes.

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 3475-100, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 100: General*

EN 4840-002, *Aerospace series — Heat shrinkable moulded shapes — Part 002: Index of product standards and product dimensions*

EN 9133, *Aerospace series — Quality Management Systems — Qualification Procedure for Aerospace Standard Parts*

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

IEC 60304, *Standard colours for insulation for low-frequency cables and wires* [1)]

IEC 62329-2, *Heat-shrinkable moulded shapes — Part 2: Methods of test* [1)]

IEC 62329-3, *Heat-shrinkable moulded shapes — Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance — Sheet 100: Heat-shrinkable moulded shape dimensions* [1)]

3 Definitions and symbols

For the purposes of this document, the definitions and symbols given in EN 3475-100 apply.

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

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

4 Materials and characteristics

4.1 General

The moulded shapes shall be made from materials that ensure the finished product conform to the product standard.

4.2 Material types

See product standards.

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1) Published by: IEC International Electrotechnical Commission http://www.iec.ch/