



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 14118-2:2003

ICS 59.100.10

**REINFORCEMENT - SPECIFICATIONS FOR
TEXTILE GLASS MATS (CHOPPED STRAND
AND CONTINUOUS FILAMENT MATS) - PART
2: METHODS OF TEST AND GENERAL
REQUIREMENTS**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
May 9, 2003*

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14118-2

February 2003

ICS 59.100.10

English version

Reinforcement - Specifications for textile glass mats (chopped strand and continuous filament mats) - Part 2: Methods of test and general requirements

Renfort - Spécifications des mats de verre textile (mats à fils coupés et mats à fils continus) - Partie 2: Méthodes d'essai et exigences générales

Verstärkungsprodukte - Spezifikation für Textilglasmatten (Glasseiden- und Endlosmatten) - Teil 2: Prüfverfahren und allgemeine Anforderungen

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EN 14118-2:2003 (E)

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Foreword

This document (EN 14118-2:2003) has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by August 2003, and conflicting national standards shall be withdrawn at the latest by August 2003.

This standard is one part of EN 14118 which is structured as follows:

- *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 1 : Designation*
- *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 2 : Methods of test and general requirements*
- *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 3 : Specific requirements*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

EN 14118-2:2003 (E)

1 Scope

This European Standard provides the list of test methods and general requirements for chopped strand and continuous filament mats covered by part 1.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendments or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 14118-3:2003, *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 3: Specific requirements*

EN ISO 472:2001, *Plastics – Vocabulary (ISO 472:1999)*.

EN ISO 1043, *Plastics - Symbols and abbreviated terms*

EN ISO 1889, *Reinforcement yarns - Determination of linear density (ISO 1889:1997)*

EN ISO 2078, *Textile glass – Yarns – Designation (ISO 2078:1993)*

EN ISO 3344, *Reinforcement products – Determination of moisture content (ISO 3344:1997)*

ISO 1887, *Textile glass - Determination of combustible-matter content* ISO 2558, *Textile glass chopped-strand mats for reinforcement of plastics -- Determination of time of dissolution of the binder in styrene*

ISO 3342, *Textile glass - Mats - Determination of tensile breaking force.*

ISO 3374, *Reinforcement products – Mats and fabrics – Determination of mass per unit area.*

ISO 3616, *Textile glass - Chopped-strand and continuous-filament mats - Determination of average thickness, thickness under load and recovery after compression.*

ISO 5025, *Reinforcement products – Woven fabrics – Determination of width and length.*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN ISO 472:2001 and the following apply.

3.1

characteristics properties

properties not normally subject to planned quality control in the mat production process

3.2

controlled properties

quantitative properties normally subject to planned quality control in the mat production process

3.3

visual properties

qualitative properties not necessarily subject to planned quality control in the mat production process

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