

Kiudsarrusplastid. Presskompaundid ja eelimpregneeritud materjalid. Massi määramine pindalaühiku kohta (ISO 10352:2010)

Fibre-reinforced plastics - Moulding compounds and prepregs - Determination of mass per unit area (ISO 10352:2010)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 10352:2010 sisaldab Euroopa standardi EN ISO 10352:2010 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 31.12.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.12.2010.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 10352:2010 consists of the English text of the European standard EN ISO 10352:2010.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 31.12.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 15.12.2010.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

Fibre-reinforced plastics - Moulding compounds and prepregs - Determination of mass per unit area (ISO 10352:2010)

Plastiques renforcés - Mélanges à mouler et préimprégnés
- Détermination de la masse surfacique (ISO 10352:2010)

Faserverstärkte Kunststoffe - Formmassen und Prepregs -
Bestimmung des Flächengewichtes (ISO 10352:2010)

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Foreword

This document (EN ISO 10352:2010) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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Endorsement notice

The text of ISO 10352:2010 has been approved by CEN as a EN ISO 10352:2010 without any modification.

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Fibre-reinforced plastics — Moulding compounds and preregs — Determination of mass per unit area

1 Scope

This International Standard specifies a method for the determination of the mass per unit area of sheet moulding compound and preimpregnated unidirectional sheet, tape, fabric and mats.

Unless stated to the contrary in the relevant material specification, this International Standard is applicable to preregs in which any type of reinforcement (aramid, carbon, glass, etc.) and any type of matrix (thermosetting or thermoplastic) has been used.

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 291, *Plastics — Standard atmospheres for conditioning and testing*

3 Terms and definitions

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

3.1

elementary unit

individual sample roll or sheet which is intended for the measurement of mass per unit area using this International Standard

NOTE Preregs are usually supplied in rolls or in packs of sheets. In this context, an individual roll or pack of sheets is an elementary unit.

3.2

laboratory sample

sample taken from an elementary unit

3.3

test specimen

specimen cut from a laboratory sample

4 Principle

The mass of a test specimen of known area is determined. Two different specimen sizes are specified, depending on the type of material. If the material has been manufactured using a solvent or if the volatile-matter content of the material is not negligible, the sample is conditioned in a specified atmosphere before test specimens are taken. The result is expressed as the mass per unit area.