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Reinforcement materials — Tubular braided sleeves — Basis for a specification

Produits de renfort — Gaines tressées — Base de spécification

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Foreword

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The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 13, *Composites and reinforcement fibres*.

This second edition cancels and replaces the first edition (ISO 10122:1995), which has been technically revised.

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Reinforcement materials — Tubular braided sleeves — Basis for a specification

1 Scope

This International Standard provides a basis for specifications applicable to tubular braided sleeves used as reinforcements in plastics. It deals with tubular sleeves braided from all types of yarn or roving.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*

ISO 1887, *Textile glass — Determination of combustible-matter content*

ISO 1889, *Reinforcement yarns — Determination of linear density*

ISO 2797, *Textile glass — Rovings — Basis for a specification*

ISO 3598, *Textile glass — Yarns — Basis for a specification*

ISO 4603, *Textile glass — Woven fabrics — Determination of thickness*

ISO 8516, *Textile glass — Textured yarns — Basis for a specification*

ISO 10548, *Carbon fibre — Determination of size content*

3 Terms and definitions

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

3.1
tubular braided sleeve
sleeve made by interlacing (braiding or plaiting) four or more yarns or rovings in such a way that they cross one another and are laid together in a helical formation

3.2
braiding
method of interlacing yarns or rovings

3.3
construction
structure of a sleeve, depending closely upon the type of machine used and the number of yarns or rovings per carrier

3.4
carrier
braiding-machine part on which the yarns or rovings are wound

3.5
braid angle
angle between the longitudinal axis of a braid and the direction of the yarns or rovings

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