INTERNATIONAL STANDARD ISO 14130:1997
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Fibre-reinforced plastic composites — Determination of apparent interlaminar shear strength by short-beam method

TECHNICAL CORRIGENDUM 1

Composites plastiques renforcés de fibres — Détermination de la résistance au cisaillement interlaminaire apparent par essai de flexion sur appuis rapprochés

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 14130:1997 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 13, *Composites and reinforcement fibres*.

Page 1, Clause 2

Update the normative references as follows:

— Replace ISO 1268:1974 by ISO 1268 (all parts), *Fibre-reinforced plastics — Methods of producing test plates*, and delete the footnote.

— Replace ISO 5893:1993 by ISO 5893:2002, *Rubber and plastics test equipment — Tensile, flexural and compression types (constant rate of traverse) — Specification*.

Page 2, Definition 4.1

Replace “It is calulated from the relationship given in 10.1” by “It is calulated from Equation (1) in 10.1”.

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Page 2, Definition 4.2

Replace “It is expressed in megapascals (MPa)” by “It is calculated from Equation (2) in 10.1 and is expressed in megapascals (MPa)”.

Page 4, Subclause 6.2

Replace “in accordance with ISO 1268” by “in accordance with the relevant part of ISO 1268”.

Page 5, Subclause 9.2

Replace the existing text by the following:

> “Measure, at the mid-point of each test specimen, the width b and the thickness h of the specimen to the nearest 0,02 mm.”

Page 6, Subclause 9.7

In the note, replace “apparent interlaminar shear strength” both times it occurs by “apparent interlaminar shear stress”.

Page 6, Subclause 10.1

Replace the existing text by the following:

> “Calculate the apparent interlaminar shear stress τ, expressed in megapascals, using the following equation:
>
> $$\tau = \frac{3}{4} \times \frac{F}{bh} \qquad (1)$$
>
> where
>
> F is the load, in newtons;
>
> b is the width, in millimetres, of the test specimen;
>
> h is the thickness, in millimetres, of the test specimen.
>
> Calculate the apparent interlaminar shear strength τ_M, expressed in megapascals, using the following equation:
>
> $$\tau_M = \frac{3}{4} \times \frac{F_M}{bh} \qquad (2)$$
>
> where
>
> F_M is the failure or maximum load, in newtons;
>
> b is the width, in millimetres, of the test specimen;
>
> h is the thickness, in millimetres, of the test specimen.”