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ISO 3035

Corrugated fibreboard — Determination of flat crush resistance

Carton ondulé — Détermination de la résistance à la compression à plat

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This fourth edition cancels and replaces the third edition (ISO 3035:2011) which has been technically revised.

The main changes are as follows:

— 5.1: NOTE has been deleted because beam deflection compression devices are not in the scope of ISO 13820:2021 anymore;

— Clause 11 “Precision” has been added;

— precision data from Cepi-CTS have been updated.

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Fibreboard shipping containers can be subjected to compressive forces in the thickness direction as part of the manufacturing process, as well as during shipment or storage. These forces can compress the flute structure and reduce the structural integrity (stacking strength) of the corrugated material. Resistance to this type of crushing is an important measure of the performance characteristics of the container.