

ISO/FDIS 7763:2024(E)

ISO/TC 6/SC 2

Secretariat: SIS

Date: 2024-02-1503-12

Testing of paper and board — Compressive strength of a sample held in s-shape

~~Essai des papiers et cartons — Résistance à la compression d'un échantillon en forme de S~~

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC-4, *Test methods and quality specifications for paper and board*.

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Introduction

The compressive strength of a sample fixed into an s-shape is tested analogous to the SCT (short-span compression test) [2.1] where the maximum compressive force which the sample withstands is measured parallel to the plane of the paper. During this test, the sample strip is subjected to double bending and then assumes the shape of the letter "S", which is why the test is referred to as "S-test". In comparison to the SCT, the clamps of the "S-test" are positioned with an offset and larger spacing. This is a test method with a good correlation to 1st yield of the load curve during a CMT (corrugated medium test) [2.3] measurement.

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