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ASTM C1279:2005 Standard test method for non-destructive photoelastic measurement of edge and surface stresses in annealed, heat-strengthened, and fully tempered flat glass

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Abbreviation

ASTM C1279:2005

Valid from

01/01/2005

Information provider

American Society of Testing and Materials

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF

Cited By

[This resource is cited by 1 document \(show Citations\)](#)

Description

This non-destructive test method covers the determination of edge stresses and surface stresses in annealed, heat-strengthened, and fully tempered flat glass products.

Scope

This test method uses transmitted light and is, therefore, applicable to light-transmitting glasses.

It is not applicable to chemically-tempered glass.

Using the procedure described, surface stresses can be measured only on the "tin" side of float glass.

Surface-stress measuring instruments are designed for a specific range of surface index of refraction.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

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