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Synopsis

Number and Title of the Indian Standard: IS 3400(Part 26)/ISO 1827 : 2016

Methods of test for vulcanized rubbers Part 26 determination of shear modulus and adhesion to rigid plates — quadruple-shear methods

a) Scope: This Standard specifies methods for the determination of the modulus in shear and the strength of bonds of rubber to metal or other rigid plates, using rubber bonded between four parallel plates.

Method A describes the determination of the modulus in shear.

Method B describes the determination of the strength of the bonds.

The methods are applicable primarily to test pieces prepared in the laboratory under standard conditions, such as can be used to provide data for the development and control of rubber compounds and methods of manufacture of bonded shear units.

b) Salient features of content: This Standard details the test procedure and describes Terms and definitions, Apparatus, expression of result, Test report, calibration & calibration schedule, Time interval between vulcanization and testing, conditioning, temperature of test .etc. This standard is identical with ISO 1827 : 2016.

c) Types/grades/classes, if any covered in the standard: nil

d) Disclaimer (to be automatically provided by the program/software)