Automotive parts - Automotive cables - Part 2: Test methods

1. Scope

This standard specifies the test methods for cables used in vehicles (hereinafter referred to as “automotive cables”). It should be noted that this standard may be applied to individual cores that comprise a multi-core cable.
Regarding the application of the tests specified in this standard, automotive cables should comply with the tests described in the latest standard at the timing of development of the applicable cable. However, if a test is required after the issuance of this standard, the tests in this standard shall be applied.

2. Normative reference

The following standards, when referred to in this standard, constitute a part of the specifications of this standard. For the applicable standards with a year indicated, the version for the indicated year shall be applied and subsequently revised versions (including addenda) shall not be applied. For the applicable standards with no year indicated, the most recently updated version (including addenda) shall be applied.

JIS K6251:2004	Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties
JIS K6272	Rubber-Tensile, flexural and compression test equipment (constant rate of traverse) - Specification
JIS K7212	Plastics-Determination of thermal stability of thermoplastics - Oven method
JIS R3503:1994	Glass apparatus for chemical analysis
JIS R6251:2006	Abrasive cloths
ISO 1817:2005	Rubber, vulcanized-Determination of the effect of liquids
ISO 4926:2006	Road vehicles - Hydraulic braking systems - Non-petroleum-base reference fluids
ISO 6931-1:2016	Stainless steels for springs

3. Environmental conditions of tests

Unless otherwise specified, all tests shall be carried out at room temperature (23±5°C).
Unless otherwise specified, the aging oven shall be equivalent to the type B forced draft circulation oven specified in **JIS K7212**. The air replacement rate shall be between a minimum of 8 times and a maximum of 20 times per hour.