



# SURFACE VEHICLE STANDARD

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## Test Method for Determining Stiffness of Interior Trim Materials and Substrates by a Three-Point Bending Test

### RATIONALE

Minor correction to remove reference.

#### 1. SCOPE

This SAE Standard presents a method of determining the stiffness of interior trim materials, substrates, and composites by a three-point bending test.

#### 2. REFERENCES

##### 2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

##### 2.1.1 ASTM Publications

Available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, Tel: 610-832-9585, [www.astm.org](http://www.astm.org).

ASTM D790 Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials

#### 3. TEST SPECIMENS

Cut three specimens each 76 x 305 mm with the long dimension in the machine direction, if applicable. Cut three additional specimens each 76 x 305 mm, with the long dimension in the across-machine direction, if applicable.

#### 4. CONDITIONING

Unless otherwise specified, the test specimens shall be conditioned to a constant weight in a controlled atmosphere of 23 °C ± 2 °C and 50% ± 5% relative humidity. This test can also be conducted after soaking the specimens in water under specified conditions agreed upon by the customer and supplier to determine relative stiffness when wet.

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