



Methods of Test for Sound Deadener Pads; Test for Resistance to Heat

1 Introduction

Note: Nothing in this standard supercedes applicable laws and regulations.

Note: In the event of conflict between the English and domestic language, the English language shall take precedence.

1.1 Purpose. This test method shall be used to determine the resistance to elevated temperatures of fused deadener pads.

1.2 Applicability. Any preformed damper pads applied to the floorpan of vehicles.

1.3 Remarks. None.

2 References

Note: Only the latest approved standards are applicable unless otherwise specified.

2.1 External Standards/Specifications.

None

2.2 GM Standards/Specifications.

GMW3221

2.3 Additional References. None.

3 Resources

3.1 Facilities.

3.1.1 Calibration. The test facilities and equipment shall be in good working order and shall have a valid calibration label.

3.1.2 Alternatives. Alternative test facilities and equipment may also be used. However, all measuring variables as specified in this standard shall be determined correctly with respect to their physical definition.

3.2 Equipment.

3.2.1 Test apparatus for conditioning per GMW3221, Code A.

3.2.2 Any forced-air drying oven capable of maintaining the specified temperatures within the specified tolerances as shown in Figure 1.

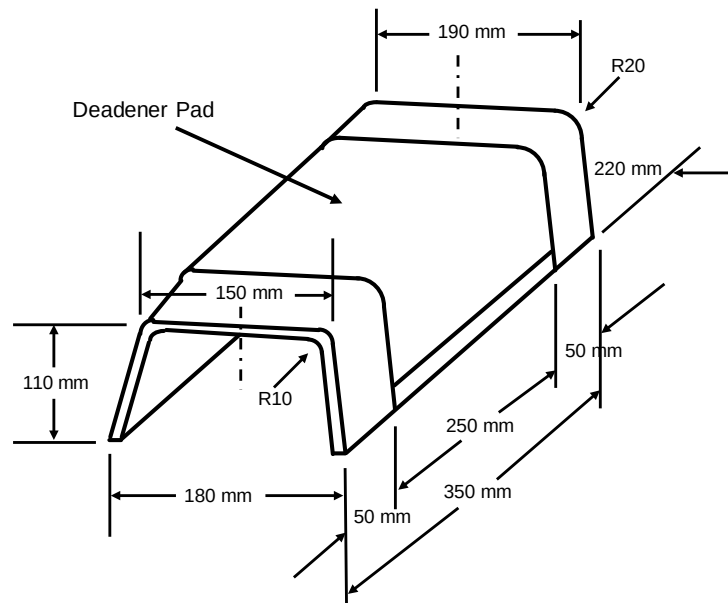


Figure 1: Tolerances (all dimensions in millimeters)

3.3 Test Vehicle/Test Piece. From the available material, test pieces of the dimensions shown in Figure 2 shall be taken at various points.

3.3.1 Dimensional tolerances shall be ± 20 mm; thickness shall be equal to thickness of the deadener pad. The direction of sampling is unimportant.

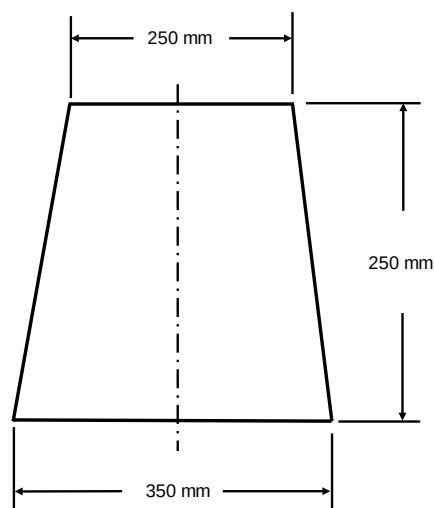


Figure 2: Test Pieces; Dimensions (all dimensions are in millimeters)

3.3.2 For initial sample approval and arbitration purposes, at least three (3) test pieces shall be tested. For routine quality control, at least one (1) test piece shall be tested.

3.4 Test Time.

Calendar time:	0.5 days
Test time:	2.0 hours
Coordination time:	2.0 hours