

The ignitability of upholstered seating by smouldering and flaming ignition sources.

Test Method: BS 5852:2006

The objective of this test is to measure the ignitability of upholstered furniture composites.

BS 5852:2006 notes: "It cannot be assumed that protection against large flaming sources will automatically give protection against smouldering ignition. It is therefore necessary to submit test specimens to both smouldering and flaming ignition."

The covering material, together with flexible cellular polyurethane foam filling material, is mounted on a test rig constructed to simulate the seat and back or seat and arm of a typical chair. A specified ignition source is placed between the horizontal and vertical portions of the test rig. The ignitability of the covering and filling materials, and the extent of any damage which occurs in the length, width and depth is recorded for both horizontal and vertical assemblies.

Ignition Source 0 (Smouldering cigarette)
Test Code T17C

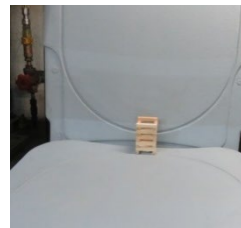


Ignition Source 1-3 (Match)
Test Code T17D

flame Ignition)

Test Code T17DC

Ignition Source 4-7 (Crib)



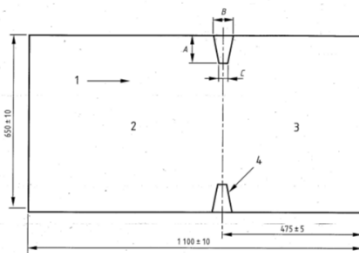
Ignition)

Weft (Cross direction)

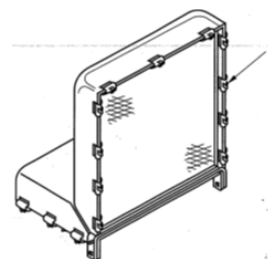
Sample required:

Cover: Two samples, Warp (Machine direction) 1100mm x 650mm (approx. 3m²)

Filling: Two pieces 450±5mm x 450±5mm x 75±2mm, and
Two pieces 450±5mm x 300±5mm x 75±2mm



BS 5852, Figure 10, Fabric cover



BS 5852 Figure 5 (b) Sample on test rig

Delivery Address	Further information
AWTA Product Testing Level 1, 191 Racecourse Rd, Flemington VIC 3031, Australia	AWTA Product Testing Phone: (03) 9371 2400 Email: producttesting@awta.com.au

IMPORTANT NOTE: That by submitting samples for testing **YOU AGREE** that the resulting testing shall be performed under our terms and conditions for testing and consulting services: www.awtaproducttesting.com.au/index.php/about/terms-and-conditions