

Test Report No. A 1001752-04-11G-3**Testing of Ignitability of Upholstery Leather**Gregersensvej
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Client	Elmo Leather AB SE- 512 81 Svenljunga, Sweden
Material Tested	Upholstery composite consisting of: 1) Upholstery leather as the enclosed sealed reference sample. Designation: ELMOGRAND. Weight: Approx. 1540 g/m ² . 2) Non-fire retardant polyurethane foam of density approx. 21 kg/m ³ and designated SS 22.
Sampling	The leather sample was submitted by the client and received on 8 July 2002. The polyurethane foam was supplied by the Institute.
Test Assignment and Test Methods	Testing of ignitability according to EN 1021:1993 – Furniture. Assessment of the ignitability of upholstered furniture. Part 1: Ignition source: Smouldering cigarette. Part 2: Ignition source: Match flame equivalent. Details of the tests are given on page 2 of this report.
Testing Completed	30 August 2002
Test Results	According to the criteria of ignition in EN 1021-1:1993, clause 3, and EN 1021-2:1993, clause 3, the following test results were obtained: EN 1021-1: <u>Non-ignition</u> EN 1021-2: <u>Non-ignition</u>

The test results relate only to the material tested.

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Beklædning og Textil

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Testing of Ignitability of Upholstery Leather

Upholstery Composite	1) Upholstery leather ELMOGRAND. 2) Non-fire retardant polyurethane foam SS 22, 21 kg/m ³
Test Methods	EN 1021-1:1993: Ignition source: Smouldering cigarette. EN 1021-2:1993: Ignition source: Match flame equivalent.
Test Results	<p>The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.</p> <p><u>EN 1021-1:1993</u> Two determinations were carried out.</p> <p>Both cigarettes extinguished after 10 minutes before burning their full length. No smouldering or smoking was observed after the cigarettes were extinguished. The final inspection showed superficial charring of the leather under the cigarettes but no damage of the foam.</p> <p>According to the criteria of ignition in EN 1021-1:1993, clause 3, the following test result is obtained: <u>Non-ignition</u></p> <p><u>EN 1021-2:1993</u> Two determinations were carried out.</p> <p>Flaming or smoking was not observed after removal of the burner tube in any of the two tests. The final inspection showed superficial charring of the leather but no damage of the foam.</p> <p>According to the criteria of ignition in EN 1021-2:1993, clause 3, the following test result is obtained: <u>Non-ignition</u></p>