swerea IVF

SWEDAC ACKREDITERING 1696 ISO/IEC 17025

REPORT
Issued by an Accredited Testing Laboratory

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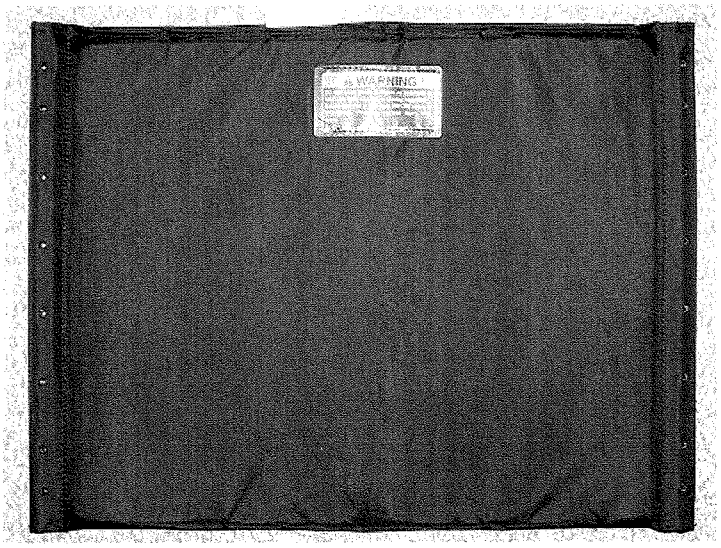
Client	Client's ref. nr.	
Invacare Rea AB **Box 200** **343 75 DIÖ**	Contact person **Jan Franzén**	Our ref. nr. **5080523**

Object: To determine ignitability of products to be used in wheel-chairs.

Test material: One seat and one back of two products described by the client as below.



Seat upholstery Nylon 110158/Back Upholstery Nylon 1101502.

Seat Upholstery Vinyl 8881101436/Back Upholstery Vinyl 8881101474

The test material was received from the client 2008-06-18.
The commission was performed 2008-06-27--30.

Procedure and results:

Ignitability to smouldering cigarette was determined according to SS-EN 1021-1:2006.
As test material prescribed in the standard was not available the actual products were taken as test objects. As it is more likely that ignition sources will expose the seat (the seat and back seem to be constructed in the same way) this part was bent to form a junction between a seat and a back. The cigarettes were placed in this junction.
Cigarettes used: 100's Look Original.
Both cigarettes were ignited at the same time.

None of the two tested products did ignite

Stating the measuring uncertainty is not relevant for this type of test.

Ignitability to a match flame equivalent was determined according to SS-EN 1021-2:2006.
As test material prescribed in the standard was not available the actual products were taken as test objects. As it is more likely that ignition sources will expose the seat (the seat and back seem to be constructed in the same way) this part was bent to form a junction between a seat and a back. The small gas flame was held in this junction.

None of the two tested products did ignite

Stating the measuring uncertainty is not relevant for this type of test.

Comments:

The above results relate only to the **ignitability** of the used 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.

All results relate only to the material tested.

We find, that the two tested products, fulfil the requirements for resistance to ignition prescribed in § 7.10 of EN 12183:2006.

Mölndal, 2008-07-01
Swerea IVF

Ann Stare
Technical Manager

Alf Börjesson
Project leader