

Postal address Swerea IVF AB Box 104 SE-431 22 MÖLNDAL Tfn +46 (0)31 706 63 00 Fax +46 (0)31 706 63 65		Visiting address Argongatan 30, SE- 431 53 MÖLNDAL Org. nr. 556053-1526 VAT no. SE556053-152601	
Client <b>Tyggrossisten i Borås AB</b> <b>Ödegärdesgatan</b> <b>504 94 Borås</b>	Client's ref. nr.		
	Contact person <b>Mikael Larsson</b>	Our ref. nr.	<b>5120178</b>

**Object:** Determination of ignitability.

**Test material:** One black fabric designated  
Art. Kolpman Indestructible.  
Col. Black  
Comp. 65 PES 35 CO

The test material was received from the client 2012-02-20.  
The commission was performed 2012-02-20—29.

**Procedure  
and results:**

**Pre-treatment**

**Washing and drying** was performed according to  
SS-EN ISO 6330:2001+A1:2009  
Washing procedure: 2 A (60 °C)  
Detergent used: 4 (IEC A\*+ sodium perborate+TAED)  
Dosage: 20 g/wash cycle  
Number of washes: 5  
Total load (loading fabric and test specimens): 2kg  
Loading fabric: 100 % knitted Polyester, (310±20) g/m<sup>2</sup>  
The material was dried after every wash.  
Drying: Procedure E, tumble dry (not an accredited method)  
Tumble dryer: Electrolux T2130  
Temperature: max 50  
Deviations from the standard:  
The detergent was added to the machine without dissolving.

**Ignitability to smouldering cigarette** was determined according to SS-EN ISO 12952-1:2010.

The set up for unfolded materials was used.

Cigarettes used: 100<sup>s</sup> Look Original.

All cigarettes were ignited at the same time.

**Specimen 1**

The test material did not ignite

**Specimen 2**

The test material did not ignite

As the method generates no quantifiable results, the uncertainty of measurement can not be specified.

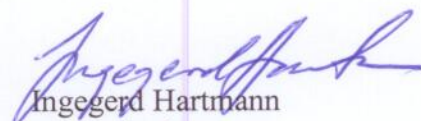
The above results relate only to the **ignitability** of the used combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

All results relate only to the material tested.

Mölndal, 2012-03-01  
Swerea IVF  
Textiles & Plastics Department



Helena Hjärtnäs  
Testing Manager,  
Testing, Analysis and Certification



Ingegerd Hartmann  
Project leader