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TEST REPORT 66/2/11

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customer: Mr Roland Loch
 Assignment from: 21.01.2011
 Received: 19.01.2011

Assignment: Assessment of the limited flame spread on materials according to NS-EN ISO 14116:2008, testing of the limited flame spread according to DIN EN ISO 15025, flame impingement time 10 s, test after 5 washing and drying procedures, surface ignition n = 3 every surface and test direction

samples: sample 1, material NF 3,0 mm one-sided laminated with jersey made of nylon
 sample 2, material NF 1,5 mm laminated with jersey made of polyester (colour orange) and jersey material made of nylon (colour black)

Sampling: The samples were taken by the customer.

Realisation of the test:

The samples were taken und were tested by the prescriptions mentioned above. Washing and drying procedures occur according to DIN EN ISO 6330 (domestic washing), washing method 5A (40 °C, normal washing) drying method E (tumble dryer, level easy-care).

Test results:

Limited flame spread:

Surface ignition

sample 1

	lengthwise	crosswise	
		side with jersey material	side with neoprene
- flame spread to the top side or to the lateral edge of the sample	no	no	no
- afterflame time	0 s	0 s	0 s
- afterglow	0 s	0 s	0 s
- appearance of particle/flaming particle	no	no	no
- hole formation	no	no*	no

* the jersey material melts

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DAP-PL-2302.00

Surface ignition
sample 2

	lengthwise	crosswise side with jersey material black	side with jersey material orange
- flame spread to the top side or to the lateral edge of the sample	no	no	no
- afterflame time	0 s	0 s	0 s
- afterglow	0 s	0 s	0 s
- appearance of particle/flaming particle	no	no	no
- hole formation	no	no*	no*

* the jersey material melts

With these results the samples comply the requirements according to Index 3 for the limited flame spread:

sample 1	3/5H/40 (outer face and inner face)
sample 2	3/5H/40 (outer face and inner face)

The testing results are exclusively related to the sample under conditions as received.

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Dr. Klobes
Head of the Testing Centre