

Test report no. 070927.1 – VSch
(English Version of the test report no. 060879.1-VSch)

Orderer: Novatech N.V.
Industrielaan 5B
2250 Olen
BELGIEN

Order from: 02.04.2007 – order number 4590756324 / N11

Order: Single-flame source test according to DIN 4102-1: 1998-05,
fire class B2, of polyurethane foam „PUR7“

Notes: In Germany this test report can be used only for a building
material, not for a building product.
For sale on the German market, other special papers according
to the German “Landesbauordnung” are needed in addition.
This test report can be used for these special papers.

This test report consists of 3 pages.

The test material has been consumed.

In case of any dispute the german version is decisive. The test report shall be published unabridged.
Any partial publishing requires written allowance by the testing institute. The test results refer only
on the tested material.

1. Test material

1.1 Sampling and delivery

sample receipt: on 04.10.2004 delivery by messenger of orderer
 number of samples: 1 can (500 ml)

2. Informations about the samples

name: „PUR7“
 raw materials: polyurethan, flame retardent
 configuration: 1-component-foam (adapter foam)
 color: beige
 density of foam: about 23 kg/m³

The product „PUR7“ is identical with a PUR foam from another orderer.
 The results are taken over upon approval by the first orderer.

3. Fire tests

The specimens for the fire tests were produced in the fire laboratory according to the ABM-Recommendation, dated 05.05.2004. The tests were carried out as edge flame attacks according to DIN 4102-1: 1998-05 clause 6.2.5.2. „Flame impingement at the edge of the samples.“

flame application time: 15 s
 observation time: 20 s
 number of tests: 5

position of flame attack	edge					
	1	2	3	4	5	
specimen no.						
ignition occurs after	s	0,4	0,5	0,4	0,5	0,4
duration of flames	s	15,3	15,2	15,0	14,9	15,0
max. vertical flame spread	mm	110	110	120	120	120
smoke production		high				
flaming droplets/particles		did not occur				

Requirement of class B2:

max. vertical flame spread < 150 mm within 20 s of observation

4. Classification

The product „PUR7“ in regard to its reaction to fire behaviour is classified:

DIN 4102-1 – B2

During the tests no flaming droplets/particles according to DIN 4102-1, clause 6.2.6 occurred.

5. Notes

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The validity of this test report expires on 31.10.2009.

Hannover, 18.04.2007

Head of fire laboratory

A blue ink signature of Orr Restorff.

(ORR Dipl.-Ing. Restorff)



Technician

A blue ink signature of V. Schmidt.

(V. Schmidt)