

Beschussamt Mellrichstadt

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Test Report

Test of the stab resistance of body armour

Report-No : 11S224A01#, Order No: 7226
Date of delivery : 19 July 2011
Tester : Niederle, Kalnischkies

Object of testing : Body armour vest (soft armour)
Designation of sample : P2M/PPSS standard III A
Size of the sample : Large

Applicant : SEAS Scandinavia Sverige AB
Manufacturer : SEAS Scandinavia Sverige AB

Bötsch

Mellrichstadt, 19 July 2011

The test results are only valid for the specimens described in this report.

The applicability of this test report is restricted to five years from the date of testing. It will expire prematurely, if any alteration or modification to the manufacturing process, materials and/or quality management system could impact the product conformity.

This report is only valid with the official seal and the correspondence of the report numbers on all pages. Duplication in extracts of this report is only allowed with written approval of the Beschussamt Mellrichstadt.

Beschussamt Mellrichstadt Report-No : 11S224A01#
 Lohstraße 5, D-97638 Mellrichstadt Report part-No : 1
 Test date : 19 July 2011

Description of the specimen in direction of attack (specification of the manufacturer):

16 layers of Dyneema SB51, thickness 0,3mm
 1 layer of aramid fabric which is coated front side, thickness 0,95mm
 3 layers of Dyneema SB51, thickness 0,3mm
 The complete construction is welded in a fabric cover which is coated inside.

Size of the samples [mm]: not determined
 Total weight determined by Beschussamt [g]: 870
 Mass per unit area determined by Beschussamt [kg/m²]: not determined
 Mass per unit area determined by manufacturer [kg/m²]: not determined

Tool of attack : needle
 Mass of the tool [g]: 300
 Room temperature [°C]: 23
 Humidity [%]: 49
 Determination of the backing material plasticity [mm]: 20,22 (Average value)

Nr.	FH	E	PT	AW	DD	BEM
1	1500	4,4	20	90	0	
2	1500	4,4	20	90	0	
3	1500	4,4	20	90	0	

FH = height of drop(mm) E = energy(Nm)
 PT = temperature of the sample(°C) AW = angle of impact
 DD = penetration(mm) BEM = remark

The test was carried out for special demands of the applicant.
 A final classification is not applicable.

Partial use of the following guideline:
 VPAM KDIW 2004, issue 18 May 2011

This report consists of 2 pages.