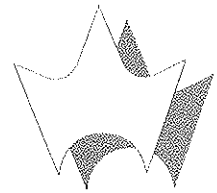


H.P. WHITE LABORATORY, INC.

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www.hpwhite.com



17 March 2011
(HPWLI 11812-01A)

Daw Technologies Ballistic Products, Inc.
1600 West 2200 South, Suite 201
Salt Lake City, Utah 84119

RECEIVED MAR 21 2011

Attention: Peter Spransy

Gentlemen:

In accordance with your instructions, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one proprietary armor sample received 11 March 2011 via United Parcel Service.

Testing was conducted in accordance with the provisions of NIJ-STD-0108.01, BALLISTIC RESISTANT PROTECTIVE MATERIALS, dated September 1985, Level III, using caliber 7.62x51mm, 149 grain, M80 ammunition. The test sample was rigidly fixtured on an indoor range 50.0 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Velocity screens were positioned at 6.5 and 9.5 feet which, in conjunction with dual elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet forward of the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 witness panel positioned 6.0 inches behind, and parallel to, the test sample. Table I presents a summary of the enclosed data record.

Table I. Summary of Results								
Test Sample			Ballistic Threat				Results	
Number	Weight (lb)	Thickness (in) (a)	Caliber	Obliquity (degrees)	Shots	Velocity (fps)		Penetrations
						Max	Min	
TEST-1 (M80)	(b)	(b)	7.62, M80	0	5	2780	2725	0

(a) Average of four corner thicknesses.
(b) Proprietary.

Based on the data presented in Table I, the test sample submitted for testing SATISFIED the ballistic resistance requirements of NIJ-STD-0108.01, Level III. This conclusion is based on data obtained from having tested only the sample submitted, and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality, or performance, of any other items of the same, or similar, design.

The test sample is being discarded. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Sincerely,

H.P. White Laboratory, Inc.

Craig B. Dunn

CBD/tc
Enclosure



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : DAW TECH

Job No. : 11812-01

Test Date : 3/15/11

TEST PANEL

Manufacturer : DAW TECH

Size : 12 x 12 in.

Thicknesses : NA

Avg. Thick. : NA

Description : PROPRIETARY.

Sample No. : TEST-1 (M80)

Weight : N/A lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 3/11/11

Via : UPS

Returned : N/A

SET-UP

Shot Spacing : 4 ON 8" SQUARE - 1 IN CENTER

Witness Panel : 0.020", 2024-T3 ALUMINUM

Obliquity : 0 deg.

Backing Material : NA

Conditioning : AMBIENT

Primary Vel. Screens : 6.5 ft., 9.5 ft.

Primary Vel. Location : 8.0 ft. From Muzzle

Residual Vel. Screens : NA

Residual Vel. Location : NA

Range to Target : 50.0 ft.

Target to Wit. : 6.0 in.

Range No. : 3

Temp. : 63 F

BP : 30.30 in. Hg

RH : 36%

Barrel No./Gun : R3/ .308

Gunner : GORSCHÉ

Recorder : BONSALL

AMMUNITION

(1) : 7.62mm Ball, M80, 149 gr.

(2) :

(3) :

(4) :

Lot No. : UNKNOWN

Lot No. :

Lot No. :

Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : NIJ-STD-0108.01

(2) : LEVEL III

(3) : REQUIRED VELOCITY: 2700-2800 fps.

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	1097	2735	1097	2735	2735	None	
2	1	1101	2725	1101	2725	2725	None	
3	1	1101	2725	1101	2725	2725	None	
4	1	1079	2780	1079	2780	2780	None	
5	1	1079	2780	1079	2780	2780	None	

REMARKS :

FOOTNOTES :