

# H.P. WHITE LABORATORY, INC.

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11 April 2013  
(HPWLI 000000610A)

Shenzhen Guodun Armor Technology Co., Ltd.  
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Shenzhen 518109  
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Attention: Mr. Alejandro Shaw

In accordance with instructions, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one armor sample (see enclosed data record for construction description) received 1 April 2013 via DHL.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0101.04, BALLISTIC RESISTANCE OF PERSONAL BODY ARMOR, dated September 2000, Level IIIA, using caliber 9mm Luger, 124 grain, FMJ ammunition. The test sample was positioned on an indoor range 16.4 feet from the muzzle of a test barrel to produce zero and thirty degree obliquity impacts. Velocity screens were positioned at 6.5 and 11.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 9.0 feet from the muzzle. Table I presents a summary of the enclosed data record.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results	
Number	Weight (lb)	Plies	Caliber	Obliquity (degrees)	Shots	Velocity(fps) Max. Min.	Pene- tration	Deformation (mm) (a)
HPW-1	1.30	29	9mm Luger	0	4	1464 1423	0	31/28
				30	2	1425 1423	0	Na

(a) Deformation of 5.5-inch clay backing; maximum allowable deformation: 44mm.

This report 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 returned via DHL. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H.P. White Laboratory, Inc

Shawn Krout

SK/tc  
Enclosure

