



HPW-TP-0401.01B, Level IIIA – Test Report

Client:	Dazzeon Technology Co., Ltd. Attention: Thomas Chen 6F, No. 337, Sec. 1, Dunhua S. Rd., Da'an Dist. Taipei City, Taiwan 10685
Report date:	13 March 2017
Job number:	000007000A
Test procedure and supporting documentation:	Per Customer Instructions HPW-TP-0401.01B, Level IIIA
Sample receipt, identification information, and disposition:	The sample(s) were received on 7 March 2017 . Sample item identification and description details are provided on the attached data record(s). The test sample(s) were inspected prior to testing and no anomalies were discovered. Sample(s) will be returned, discarded, or held, per customer instructions.
Test date(s) and location:	Testing commenced on 8 March 2017 , at the H.P. White Laboratory, Inc. facilities located at 3114 Scarboro Road, Street, Maryland. Testing concluded on 8 March 2017 .
Report prepared by:	Tiffany Haines, Customer Operations Specialist
Report reviewed by:	Chris D'Amario, Engineer
Revision number and date:	NA
Test data transmittal method and storage location:	This test report and test data were transmitted via email in a manner compliant with ISO 17025 requirements. Permanent electronic and hardcopy files are maintained in accordance with HPWLI data storage policy on data storage systems, filed by job number.
Disclaimer:	Testing was performed on sample(s) provided by the client. H.P. White Laboratory, Inc. holds no responsibility for sample selection methods. This report is based on data obtained from testing only the sample(s) 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. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This testing was performed by H.P. White Laboratory, Inc. to client specification, and the test results are the property of the client, who holds all rights of reproduction or publication of this report and related test data.
Destination control statement:	These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

Ballistic Resistance Testing: All testing was conducted on an indoor range at ambient conditions, in accordance with your instructions and the provisions of HPW-TP-0401.01B, Level IIIA. Testing was conducted using caliber 9mm, 124 gr., FMJ ammunition. The test sample(s) were positioned 16.5 feet from the muzzle of the barrel to produce zero (0°) degree obliquity impacts, with respect to the tangent of the helmet curvature at the points of impact. Photoelectric infrared screens were located at 6.5 feet and 9.5 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 8.0 feet forward of the muzzle. Back-face signature was measured using a calibrated digital depth gauge. Table I provides a summary of information on the attached data record(s).

Table I: Ballistic Resistance, HPW-TP-0401.01B, Level IIIA, Summary of Results

Test Sample			Set-Up			Results				
Conditioning	Sample No.	Weight (lbs.)	Caliber	Obliquity	Shots (a)	Velocity (fps)		Penetration(s)	Deformation (mm) (b)	
						Max	Min		Max	Min
AMBIENT	HELMET A	3.23	9mm	0°	5	1425	1403	0	17.1	5.1
(a) See individual data record(s) for specific shot details (b) Deformation of clay filled head form.										

Report prepared by:

Tiffany Haines

Tiffany Haines
 Customer Operations Specialist

Report reviewed by:

Chris D'Amario

Chris D'Amario
 Engineer

