Ballistic Resistance – Test Report

Client:	**Kratos Glass LLC.** Attention: Fadi Michael Dubai Investment Park 2 Dubai United Arab Emirates
Report date:	**10 February 2017**
Job number:	000006895
Test procedure and supporting documentation:	Per Customer Instructions
Sample receipt, identification information, and disposition:	The sample(s) were received on **8 February 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 **9 February 2017**, at the H.P. White Laboratory, Inc. facilities located at 3114 Scarboro Road, Street, Maryland. Testing concluded on **9 February 2017**.
Report prepared by:	Ashley Gowland, Customer Operations Coordinator
Report reviewed by:	Wesley Mason, Manager of Technical Operations - Hard Armor
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.

H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : 6075: Kratos Glass,LLC

Job No. : 000006895 Test Date : 2/9/17

TEST PANEL

Manufacturer : Kratos Glass,LLC
Size : 19.750 x 19.750 in.
Thicknesses : 2.933, 2.934, 2.940, 2.940 in.
Avg. Thick. : 2.937 in.
Description : 75mm Laminated Transparency

Sample No. : KG161290265
Weight : 94.2 lbs.
Hardness :
Plies/Laminates :

Date Rec'd. : 2/8/17
Via :
Returned :

SET-UP

Shot Spacing : 3 SHOTS ON 120mm TRIANGLE
Witness Panel : 0.001" ALUMINUM FOIL
Obliquity : 0 deg.
Backing Material : NA
Conditioning : AMBIENT

Primary Vel. Screens : 23.5 ft., 26.5 ft.
Primary Vel. Location : 25.0 ft. From Muzzle
Residual Vel. Screens : NA
Residual Vel. Location : NA
Range to Target : 32.8 ft.
Target to Wit. : 20.0 in.

Range No. : 3
Temp. : 67 F
BP : 29.60 in. Hg
RH : 34%
Barrel No./Gun : R3/.308
Gunner : CHES, BONSALL
Recorder : BONSALL

AMMUNITION

(1) : 7.62mm AP, M61, 150 gr. Lot No. : UNKNOWN
(2) : Lot No. :
(3) : Lot No. :
(4) : Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : EN 1063
(2) : LEVEL: BR7
(3) : REQUIRED VELOCITY: 2657-2723 fps

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Vel. Loss (ft/s)	Strike Vel. (ft/s)	Penetration	Footnotes
1	1	1101	2725	1101	2725	2725	6	2719	None	
2	1	1110	2703	1110	2703	2703	6	2697	None	
3	1	1106	2712	1106	2712	2712	6	2707	None	

REMARKS :

FOOTNOTES :