



Ballistic Resistance – Test Report

Client: Kratos Glass LLC.
Attention: Fadi Michael
Dubai Investment Park 2
Dubai
United Arab Emirates

Date of report: 29 October 2015

Report prepared by: Ashley Gowland, Customer Operations Coordinator

Report reviewed by: Wesley Mason, Manager of Technical Operations - Hard Armor

Test method and supporting documentation: Per Customer Instructions
PO# 030

Job number: 000004906D

Date of sample receipt, shipping method, identification information, and inspection results: The sample(s) were received on 27 October 2015 via Philadelphia Truck Lines. Sample item(s) were identified as laminated transparencies. The test sample(s) were inspected prior to testing and no anomalies were discovered.

Date of testing and location: Testing commenced on 28 October 2015, at the H.P. White Laboratory, Inc. facilities located at 3114 Scarboro Road, Street, Maryland.

Date of test completion and sample disposition: Testing concluded on 29 October 2015; sample(s) will be discarded, unless otherwise instructed.

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.

Revision number and date: NA

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.

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H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : 6075: Kratos Glass, LLC

Job No. : 000004906

Test Date : 10/29/15

TEST PANEL

Manufacturer : Kratos Glass, LLC
Size : 19.750 x 19.750 in.
Thicknesses : 1.564, 1.565, 1.567, 1.570 in.
Avg. Thick. : 1.566 in.
Description : 40mm Laminated Transparency

Sample No. : 701140825
Weight : 49.80 lbs.
Hardness :
Plies/Laminates :

Date Rec'd. : 10/27/15
Via : Philadelphia Truck Lines
Returned : N/A

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. : 9
Temp. : 68 F
BP : 30.14 in. Hg
RH : 34%
Barrel No./Gun : R3/7.62 x 39
Gunner : CHES
Recorder : BONSALL

AMMUNITION

- (1) : 7.62 x 39mm, MSC, 123 gr.
- (2) :
- (3) :
- (4) :

Lot No. : UNKNOWN
Lot No. :
Lot No. :
Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

- (1) : EN 1063 (MODIFIED)
- (2) :
- (3) :

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	1282	2340	1283	2338	2339	None	
2	1	1281	2342	1281	2342	2342	None	
3	1	1281	2342	1281	2342	2342	None	

REMARKS :

FOOTNOTES :