

BALLISTIC RESISTANCE TEST

Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire, LLC
Job No.: 2084-025-1
Test Date: 10/6/2014

Test Panel

Description: Plate, Lot No.: 1250-0010, Serial No.: 1250012S001437, Model: HW-BT02

Manufacturer: Hardwire, LLC

Sample No.: 1250012S001437

Size: 10.00 x 12.00 in
Thickness: NA
Avg. Thick: NA

Heat No.: NA
Weight: 4.63 lbs
Hardness: NA
Plies/Laminates: NA

Date Received: 10/3/2014
Via: Hand Carried
Returned: Hand Carried

Setup

Shot Spacing: NIJ-STD-0108.01 Level III
Witness Panel: 0.02 in 2024-T3 Al
Obliquity: 0.0°
Backing Material: NA
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 9.500
Primary Vel. Location (ft): 8.000
Range to Target (ft): 50.000
Target to Witness (in): 6.000

Range No.: 6
Temp: 65.6 °F
BP: 29.8 inHg
RH: 54.2%
Barrel/Gun: CT-3052
Gunner: S. McDowell
Recorder: J. Thomas

Ammunition

Projectile

Lot No.

Powder

(1) 7.62 x 51-mm, 149-grain M80 FMJ

Military

N133

Applicable Standards or Procedures

- (1) NIJ-STD-0108.01 Level III
- (2) Customer request

Shot No.	Ammo	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	1063	2822	1063	2822	2822	None	
2	1	1085	2765	1084	2768	2766	None	
3	1	1075	2791	1075	2791	2791	None	
4	1	1083	2770	1083	2770	2770	None	
5	1	1100	2727	1100	2727	2727	None	

Remarks:

Requested velocity: 2750 ±50 ft/s

Footnotes: