

# BALLISTIC RESISTANCE TEST

**NTS-Chesapeake Testing**

 4603B Compass Point Road  
 Belcamp, MD 21017

Client: Adept Incorporated

Project No.: PR161543

Test Date: 08/05/2022

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**Test Panel** Description: Torso plate tested stand alone. AA-XX01. IV+RF3+-WR-TISIC/V1.

**Manufacturer:** Adept Incorporated

**Sample No.:** (M993, V0) COLOSSUS

 Size: 9.50 x 11.50 in  
 Avg. Thickness: N/A  
 Thicknesses: N/A

 Weight: 6.480 lbs  
 Plies/Laminates: N/A

 Date Received: 07/25/2022  
 Received Via: FEDEX Ground  
 Returned Via: FEDEX Ground

**Setup**

 Shot Spacing: NIJ-STD-0101.06  
 Level IV  
 Witness Panel: Clay  
 Backing Material: 5.5-in clay/plywood  
 Condition: Ambient

 Primary Vel. Screens (ft): 37.000, 37.333,  
 46.666, 47.000  
 Primary Vel. Location (ft): 42.000  
 Range to Target (ft): 50.200  
 Target to Witness (in): 0.000

 Range No.: Range 1  
 Temp: 68.2 °F  
 BP: 30.1 inHg  
 RH: 54 %  
 Barrel/Gun: N/A  
 Gunner: Nick Dawson  
 Recorder: James Eveland

**Ammunition**

Projectile	Lot No.	Manufacturer	Powder
(1) 7.62 x 51-mm, 129-grain M993/AP8	NA	Contra Threat Sciences	N133

**Applicable Standards or Procedures**

 Clay Drop 1 - Drop Time: 2:25 PM; Block No. WC074194; Temp: 94.1 °F; Drop Depths: 18.9 mm, 17.8 mm, 20.1 mm, 20 mm, 18.4 mm  
 (1) NIJ-STD-0101.06 Level IV (Modified)  
 (2) Customer Request

Shot No.	Ammo	Powder/ Seating	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	50.0	129	3270	3058	3050	3060	3059	None	24.1	0	

**Remarks:**

 Required Velocity: 3050 - 3100 ft/s  
 Projectile yaw check: 0 degree yaw on all impacts.

**Footnotes:**

N/A