

# BALLISTIC RESISTANCE TEST

## NTS-Chesapeake Testing

4603B Compass Point Road  
Belcamp, MD 21017

Client: Armor Industries, LLC  
Job No.: 21393-001-3  
Test Date: 7/31/2019

### Test Panel

Description: Rigid armor

Manufacturer: Armor Industries, LLC

Sample No.: M193-1

Size: 15.00 x 15.00 x 11.25 in  
Avg. Thick: NA  
Thickness: NA

Weight: 26.99 lbs  
Plies/Laminates: NA

Date Received: 7/26/2019  
Via: UPS  
Returned: UPS

### Setup

Shot Spacing: NIJ-STD-0108.01 Level III  
Witness Panel: 0.02 in 2024-T3 Al  
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: 71.2 °F  
BP: 29.9 inHg  
RH: 45.6%  
Barrel/Gun: CT-2876  
Gunner: Austin Blake  
Recorder: Craig Thomas

### Ammunition

Projectile	Lot No.	Powder
(1) 5.56 x 45-mm, 55-grain M193 Ball	Military	N 110

### Applicable Standards or Procedures

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

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Obliq. (°)	Footnotes
1	1	54.9	968	3099	966	3106	3102	None	0.0	
2	1	54.8	953	3148	953	3148	3148	None	0.0	
3	1	54.7	944	3178	941	3188	3183	None	0.0	
4	1	54.4	944	3178	944	3178	3178	None	0.0	
5	1	54.9	951	3155	946	3171	3163	None	0.0	

Remarks:

Footnotes: