

BALLISTIC RESISTANCE TEST												
NTS-Belcamp 4603B Compass Point Road Belcamp, MD 21017							Client: Ace Link Industrial Inc. Project No.: PH00004372-2 Test Date: 12/01/2022 Page 1 of 1					
Test Panel		Description: Torso plate tested stand alone. Model no.: B-AP-3ENH-1012-PE. Lot: 1.										
Manufacturer: Ace Link Industrial Inc.					Sample No.: (MSC, V0) 220901-23							
Size: 10.00 x 12.00 in Avg. Thickness: N/A Thicknesses: N/A				Weight: 3.000 lbs Plies/Laminates: N/A				Date Received: 11/29/2022 Received Via: UPS Ground Returned Via: UPS Ground				
Setup												
Shot Spacing: NIJ-STD-0101.06 Level III 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 3 Temp: 68.2 °F BP: 30.4 inHg RH: 36.3 % Barrel/Gun: WC060919 Gunner: Keivin Guzman Recorder: William Ellis				
Ammunition												
Projectile				Lot No.			Manufacturer			Powder		
(1) 7.62 x 39-mm, 123-grain MSC				76-75-31			Chinese			N 110		
Applicable Standards or Procedures												
Clay Drop 1 - Drop Time: 3:00 PM; Block No. WC074196; Temp: 93.2 °F; Drop Depths: 19.1 mm, 17.8 mm, 18.8 mm, 19.9 mm, 20.1 mm (1) NIJ-STD-0101.06 Level III (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	20.5	122.9	4162	2403	3880	2405	2404	None	25.6	0.0	
2	1	20.5	123.8	4145	2413	3867	2413	2413	None	23.9	0.0	
3	1	20.5	122.8	4149	2410	3872	2410	2410	None	NA	0.0	
4	1	20.5	123.3	4184	2390	3902	2392	2391	None	NA	0.0	
5	1	20.5	122.6	4123	2425	3846	2427	2426	None	NA	0.0	
6	1	20.5	123.5	4171	2398	3893	2397	2397	None	NA	0.0	
<u>Remarks:</u> Required Velocity: 2370-2430 ft/s Projectile yaw check: 0° yaw on all impacts.												
<u>Footnotes:</u> N/A												