BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing
4603B Compass Point Road
Belcamp, MD 21017

Client: Tejidos Especiales Sa
Project No.: PR158191
Test Date: 04/25/2024
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Test Panel

Description: Rigid armor panel

Manufacturer: Tejidos Especiales S.A.

Sample No.: (9-mm, V0) K-745-A-1 - 9C

Size: 12.00 x 12.00 in Avg. Thickness: 0.166 in Thicknesses: 0.168 in, 0.163 in, 0.166 in, 0.167 in	Weight: 0.920 lbs Plies/Laminates: N/A	Date Received: 04/25/2024 Received Via: USPS Returned Via: USPS

Setup

Shot Spacing: NIJ-STD-0108.01 Level IIA Witness Panel: 0.02 in 2024-T3 Al Backing Material: N/A Condition: Ambient	Primary Vel. Screens (ft): 6.500, 9.500 Primary Vel. Location (ft): 8.000 Range to Target (ft): 16.400 Target to Witness (in): 6.000	Range No.: Range 2 Temp: 67.7 °F BP: 30.1 inHg RH: 43 % Barrel/Gun: WC020650 Gunner: Bernard Carr Recorder: Matt Skrocki

Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) 9-mm, 124-grain FMJ	23558	Remington	Accurate No. 2

Applicable Standards or Procedures

(1) Customer Request
(2) NIJ-STD-0108.01 Level IIA

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	Obliq. (°)	Footnotes
1	1	3.7	124.5	2838	1057	2833	1059	1058	None	0	
2	1	3.8	124.5	2718	1104	2714	1105	1105	None	0	
3	1	3.8	124.5	2794	1074	2798	1072	1073	None	0	
4	1	3.8	124.5	2721	1103	2718	1104	1103	None	0	
5	1	3.8	124.5	2750	1091	2745	1093	1092	None	0	

Remarks:
Required Velocity: 1090 ± 40 ft./s.
Projectile Yaw Check: 0° Yaw on All Impacts.

Footnotes:
N/A

TEJIDOS ESPECIALES SA PROPRIETARY INFORMATION