



BALLISTIC RESISTANCE TEST - V₀

Customer: Armourer's Choice
 OBL ID#: 29721
 Date Rcv'd: 7/27/2021
 Test Date: 7/28/2021
 Purchase Order:

TEST SAMPLE		Size:			
Sample No.:	79	L / XL			
Model No.:	N/A	Weight (lb.):	3.31		
Lot No.:	N/A	Thickness:	0.511	0.392	0.396 0.395
Plies:	N/A	Avg. Thk. (in):	0.424		
Description:	Ballistic Helmet				

RANGE SET-UP		Range #:		Pre Test:	
Range to Target:	15 ft.	3		Clay Drops (mm):	18.37 18.76 20.74 20.02 18.20
Screen Dist. Vel. 1 (ft.):	5	Temperature:	72.5 °F	Drop Avg (mm):	19.22
Screen Dist. Vel. 2 (ft.):	4	Bar. Pressure:	29.99 in. Hg	Clay Temp °F:	101.1
Screen 4 to target (ft):	N/A	Rel. Humidity:	49.1 %	Clay Box #:	7
Primary Vel. Location:	8.25 ft. from target	Sample Temp.	Amb. °F	Post Test:	
Striking Velocity:	No	Recorder:	Josh Humphreys	Clay Drops (mm):	
Target to Witness:	N/A	Gunner:	Will Kaufman	Drop Avg (mm):	
Witness Panel:	N/A			Clay Temp °F:	
Backing Material:	Clay Filled Headform				
Obliquity:	0 Degrees				
Barrel:	9mm Luger/1:10/4.5"				

AMMUNITION	
Projectile:	9mm 124gr. FMJ Lot #23558
Powder:	Accurate No. 2

STANDARDS / PROCEDURES	
HPW-TP0401.018 Sec. 9 VPAM 3 (mod)	Required Velocity: 1362 fps ± 33 fps

SHOT NO.	PROJECTILE WT. (gr.)	POWDER WT. (gr.)	TIME 1 μ s (10 ⁻⁶)	TIME 2 μ s (10 ⁻⁶)	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	OBLIQUITY	CALIBER BFD	NOTES
1	123.3	6.2	3715	2964	1346	1350	1348	P	0°	1.45	Front
2	123.3	6.2	3642	2906	1373	1376	1375	P	0°	1.46	Left
3	124.3	6.2	3681	2937	1358	1362	1360	P	0°	11.46	Back
4	123.3	6.2	3636	2901	1375	1379	1377	P	0°	4.83	Right
5	123.5	6.2	3693	2946	1354	1358	1356	P	0°	2.27	Crown

REMARKS:	TEST RESULTS:
P=Partial Penetration C=Complete Penetration UH=Unfair Hit Projectile Yaw Check: <5° Yaw on all Velocity Shots.	FOOTNOTES:

This report pertains only to the samples tested and must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.