



Test Date:	04/03/2018	Business Class	N/A
Report No.:	36270-1	Security Class	Unclassified
Project No.:	PNP	Customer Name	PAXIS
Prod Instruct No.:	N/A	Customer Representative	ITZHAK MUTZARI
Test Result	PASSED		

Ballistic Test Report - Personal Armor

1. Test Panel Details

Module:	N/A	Height:	290	mm
Panel ID No.:	1	Width:	240	mm
Areal Weight:	20.000	Weight:	1.290	Kg
	Kg/m ²	Thickness Min:	22.20	mm
		Thickness Max:	23.00	mm
		Avg. Thickness:	22.60	mm

DESCRIPTION

Foam PA165 3 mm

Note Areal weight is calculated by the customer

2. Ballistic Threat

#	Projectile	Mass (grain)	Mass (g)	Specified Velocity (m/s)	Tolerance +/- (m/s)	According to STD/ Specification	Max Distance Between Shots (mm)	Min Distance Between Shots (mm)	Min. Distance From Edge (mm)
1	7.62*51 BALL CZ	147.4	9.6	847	9	NIJ 0101.06	100	51	51

3. Environment

Range Number:	2
Atmospheric Pressure:	919.16 mbar
Relative Humidity:	39 %
Temperature:	20 deg(c)
Air Density:	1.10 Kg/m ³

4. Set Up

Number of screens:	2	Muzzle to Target:	10.75±0.15	m
Screen Spacing:	1.00 m	AVG Mid. point to Target:	2.5	m
Screen Type:	IR	Screen light Source:	IR	
		Chronograph model:	OEHLER-57	
			Photoelectric screen+35	proofchronograph

5. Conditioning

N/A

6. Shoot Pack

N/A

7. BFS Drop Test

Specified Value (mm)	Drop 1 (mm)	Drop 2 (mm)	Drop 3 (mm)	Drop 4 (mm)	Drop 5 (mm)	Drop Avg. (mm)	Conditioning Temp. (°C)	Specified P-BFS Depth (Trauma)	Specified Armor Backing Material
19 +/- 2	19	20	19	20	20	19.6	41	44	plastelina ROMA-1

8. Shot Details

#	Projectile		Velocity (m/s)					YAW ^o	Hit-Angle (°NATO)	Penetration	Trauma (mm)	Remarks
	Type	Head Stamp	Vel.1	Vel.2	Avg.	Corr%	Strike					
1	7.62*51 BALL CZ	S&B STEEL	849	850	850	0.00	850	<5	0	NO	38.18	N/A
2	7.62*51 BALL CZ	S&B STEEL	858	857	858	0.00	858	<5	0	NO	43.34	N/A
3	7.62*51 BALL CZ	S&B STEEL	846	847	847	0.00	847	<5	0	NO	0	N/A
4	7.62*51 BALL CZ	S&B STEEL	838	839	839	0.00	839	<5	0	NO	0	N/A

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8. Shot Details

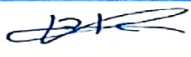

#	Projectile		Velocity (m/s)					YAW°	Hit-Angle (°NATO)	Penetration	Trauma (mm)	Remarks
	Type	Head Stamp	Vel.1	Vel.2	Avg.	Corr%	Strike					
5	7.62*51 BALL CZ	S&B STEEL	838	839	839	0.00	839	<5	0	NO	0	N/A
6	7.62*51 BALL CZ	S&B STEEL	852	854	853	0.00	853	<5	0	NO	0	N/A

9. Gunner Remarks:

10. Customer's Remarks:

YAW angle was measured for shots no. 1

11. Signature Table

Position	Name	Date	Signature
QA by	EDDIE GROSS	05/03/2018	
Laboratory Manager	OFER MEDEM	05/03/2018	

12. Illustrations

