



# H.P. White Laboratory, Inc.

## BALLISTIC RESISTANCE TEST

Client : TEZGEN OTOMOTIV LTD.

Job No. : 11308-01

Test Date : 9/30/09

### TEST PANEL

Manufacturer : TEZGEN OTOMOTIV LTD.

Size : 40X40 cm

Thicknesses : 1.637, 1.634, 1.646, 1.644 in.

Avg. Thick. : 1.640 in.

Description : 40MM LAMINATED TRANSPARENCY

Sample No. : SAMPLE 1 (NIJ III)

Weight : 34.08 lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 9/28/09

Via : UPS

Returned : N/A

### SET-UP

Shot Spacing : 4 ON 8" SQUARE - 1 IN CENTER

Witness Panel : 0.020", 2024-T3 ALUMINUM

Obliquity : 0 deg.

Backing Material : NA

Conditioning : AMBIENT

Primary Vel. Screens : 6.5 ft., 9.5 ft.

Primary Vel. Location : 8.0 ft. From Muzzle

Residual Vel. Screens : NA

Residual Vel. Location : NA

Range to Target : 50.0 ft.

Target to Wit. : 6.0 in.

Range No. : 3

Temp. : 66 F

BP : 29.71 in. Hg

RH : 55%

Barrel No./Gun : R3, 308

Gunner : J. CONTRERAS, MILLETTE

Recorder : BONSALL

### AMMUNITION

(1) : 7.62mm Ball, M80, 149 gr.

Lot No. : WRA-67

(2) :

Lot No. :

(3) :

Lot No. :

(4) :

Lot No. :

### APPLICABLE STANDARDS OR PROCEDURES

(1) : NIJ-STD-0108.01

(2) : LEVEL III

(3) : REQUIRED VELOCITY 2700-2800 FPS.

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	1101	2725	1106	2712	2719	None	
2	1	1088	2757	1088	2757	2757	None	
3	1	1092	2747	1097	2735	2741	None	
4	1	1092	2747	1092	2747	2747	None	
5	1	1079	2780	1083	2770	2775	None	

- \* Distance to target : 15 meter
- \* Number of shots : 5 Pieces
- \* Velocity : 2747

