



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V₀

OBL ID#: 13940-1
Test Date: 9/2/2016
Purchase Order:

TEST SAMPLE
Sample No.: T-837
Model No.: 4400
Lot No.: 16030:67
Plies: N/A
Description: Composite Panel
Size: 12 x 12
Weight (lb.): 10.12
Thickness: 0.775 0.775 0.777 0.772
Avg. Thk. (in): 0.775

RANGE SET-UP
Range to Target: 50 ft.
Screen Dist. Vel. 1 (ft.): 5
Screen Dist. Vel. 2 (ft.): 5
Screen 4 to target (ft): N/A
Primary Vel. Location: 8.25 ft. from target
Striking Velocity: No
Target to Witness: 6 in.
Witness Panel: 0.020" 2024-T3 Alum.
Backing Material: N/A
Obliquity: 0 Degrees
Barrel: .308/1:9/24"
Range #: 2
Temperature: 68.6 °F
Bar. Pressure: 30.10 in. Hg
Rel. Humidity: 48.7 %
Sample Temp: Amb. °F
Recorder: Joe Simon
Gunner: Grant Zitek
Pre Test:
Clay Drops (mm):
Drop Avg (mm):
Clay Temp °F:
Clay Box #:
Post Test:
Clay Drops (mm):
Drop Avg (mm):
Clay Temp °F:

AMMUNITION
Projectile: .30 cal. 160gr. M2 AP
Powder: N133

STANDARDS / PROCEDURES
NIJ-STD-0101.08 Level IV
Required Velocity: 2850 fps ± 50 fps

Table with columns: SHOT NO., PROJECTILE WT. (gr.), POWDER WT. (gr.), TIME 1, TIME 2, VELOCITY 1, VELOCITY 2, AVERAGE VELOCITY, PENET. P/C, OBLIQUITY, CALIPER BFD, NOTES. Contains data for two shots.

REMARKS:
P=Partial Penetration
C=Complete Penetration
UH=Unfair Hit
TEST RESULTS:
Test sample satisfied the ballistic requirements given.
FOOTNOTES: