

BALLISTIC RESISTANCE TEST

Chesapeake Testing

121 Bata Boulevard, Suite F
Belcamp, MD 21017

Client: Mofet Etzion
Job No.: CD01-2008-R01BRT-06082
Test Date: 3/18/2008

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|-----------------------------------|---|
| Test Panel | Description: Hex 31x33 ceramic plus .375" steel plate |
| Manufacturer: Mofet Etzion | Sample No.: Hex 31x33 (20mm) |

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|--|--|---|
| Size: See remarks Thickness: See remarks Avg. Thick: See remarks | Heat No.: NA Weight: See remarks Hardness: NA Plies/Laminates: NA | Date Received: 3/13/2008 Via: Fed Ex Returned: NA |
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| Setup | | | |
|--|---|--|--|
| Shot Spacing: Per Customer Request Witness Panel: 0.02 in, 2024-T3 Al Obliquity: 0 Backing Material: NA Condition: Ambient | Primary Vel. Screens: 15 ft, 35 ft Primary Vel. Location: 25 ft Range to Target: 45 ft Target to Witness: 6 in | Range No.: Range 1 Temp: 70 °F BP: 30.24 inHG RH: 33 % Barrel/Gun: 20mm-8ft Gunner: J. McDowell Recorder: Craig Thomas | |

| Ammunition | | |
|----------------------------|----------------------|----------|
| Projectile | Lot No. | Powder |
| (1) : 20-mm, 830-grain FSP | Lot No. : PTI 022007 | IMR 7828 |

| Applicable Standards or Procedures |
|------------------------------------|
| (1) Per Customer Request |

| Shot No. | Ammo | Time 1 (µs) | Vel. 1 (ft/s) | Time 2 (µs) | Vel. 2 (ft/s) | Avg Vel. (ft/s) | Striking Vel. (ft/s) | Penetration | Footnotes |
|----------|------|-------------|---------------|-------------|---------------|-----------------|----------------------|-------------|-----------|
| 1 | 1 | 3237 | 6179 | 3239 | 6175 | 6177 | 6003 | None | |

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| Remarks: Liba panel weight: 1.98 lbs. Size: 4 in. Diameter circle Steel weight: 42.20 lbs, Size: 19.75 x 19.75 in., Thickness: 0.389, 0.387, 0.390, 0.384 in. | Footnotes: |
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