

BALLISTIC RESISTANCE TEST

Chesapeake Testing

121 Bata Boulevard, Suite F
Belcamp, MD 21017

Client: Mofet Etzion
Job No.: CD01-2008-R01BRT-06086
Test Date: 3/18/2008

Test Panel	Description: Hex 31x28 ceramic plus .375" steel plate
Manufacturer: Mofet Etzion	Sample No.: Hex 31x28 (30 APM2)

Size: See remarks	Heat No.: NA	Date Received: 3/13/2008
Thickness: See remarks	Weight: See remarks	Via: Fed Ex
Avg. Thick: See remarks	Hardness: NA	Returned: NA
	Plies/Laminates: NA	

Setup			
Shot Spacing: Per Customer Request	Primary Vel. Screens: 10 ft, 20 ft	Range No.: Range 1	
Witness Panel: 0.02 in, 2024-T3 Al	Primary Vel. Location: 15 ft	Temp: 70 °F	
Obliquity: 0	Range to Target: 25 ft	BP: 30.24 inHG	
Backing Material: NA	Target to Witness: 6 in	RH: 33 %	
Condition: Ambient		Barrel/Gun: CDS-0186	
		Gunner: J. McDowell	
		Recorder: Craig Thomas	

Ammunition		
Projectile	Lot No.	Powder
(1) : .30-06 APM2, 165gr	Lot No. : Military Unknown	N133

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	3481	2873	3481	2873	2873	2866	None	
2	1	3457	2893	3458	2892	2892	2885	None	
3	1	3475	2878	3475	2878	2878	2871	None	

Remarks: Liba panel weight: 1.72 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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