

KOREA MILITARY ACADEMY

Ballistic Resistance Test Report

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Sep. 30, 2008

Attention : SAMHOON CO., LTD.

In accordance with your authorization, Korea Military Academy conducted ballistic resistance testing of a sample received September 30, 2008.

Testing was conducted in accordance with the provisions of UL 752, US UNDERWRITER LABORATORIES STANDARD, LEVEL 8, using caliber 7.62×51mm, 9.5g, ball, M80 ammunition.

The test samples were positioned on an indoor range 4.6 meter from the muzzle of a test barrel to produce zero degree obliquity impacts.

Photoelectric infrared screens were positioned at 2.0 meter and 3.5 meter which, in conjunction with elapsed time counters(chronographs), were used to compute projectile velocities 1.75 meter forward of the muzzle.

Below table presents a summary of the enclosed data records.

Bullet Resistant Test Sample			Ballistic Threat		Test Results			Note
Sample No.	Weight (kg)	Size(mm)	Caliber	Obliquity (degrees)	Shots No.	Velocity (m/s)	Penetration (Y/N)	
08-909-2	21.16	350x500x44.5t	7.62, M80 (9.5g±1)	0	1	822.32	N	
					2	830.45	N	
					3	830.53	N	
					4	828.65	N	
					5	831.89	N	
* Test Standard : UL 752 Level 8 (Velocity 838m/s)								

Based on the data presented in above table, the test sample submitted for testing were satisfied the requirements of UL 752, Level 8. This report is based on data obtained from having tested only the sample submitted.

HWARANG-DAE RESEARCH INSTITUTE
 Korea Military Academy

