



**KAYSERİ İLERİ MALZEMELER
BALLISTIC TEST LABORATORY**

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BALLISTIC TEST REPORT

Customer Name/Address	Ballistic Defence LLC
Order No	KM-0226-007
Name And Identity Of Test Item	Ballistic Vest Panel
The Date of Receipt of Test Item	12.02.2026
Remarks	NIJ 0101.06 Level IIIA
Date of Test	11.02.2026
Number Of Pages Of The Report	4

The results belong to the sample with the above name and registration number. The process of replicating the report is the KIM Technologies Ballistic Laboratory responsibility. The test report may not be reproduced in whole or in part. The final report can not be used for commercial or advertising purposes without KIM Technologies Ballistic Laboratory's approval. It is necessary to write KIM Technologies Ballistic Laboratory when test result using for scientific publication and other purposes.

Date	Prepared By	Approved By
12.02.2026	Batuhan ÖZKAN Ballistic Test Personnel	Buse ÇOK Head of Ballistic Test Laboratory

KİM KAYSERİ İLERİ MALZEMELER
ANAYI ve TEKNİK LABORATUVAR
Organize Sanayi Bölgesi, 18. Cadde, OSB, No: 44/1, 38210
Kayseri / TÜRKİYE
Mühür No: 08311702700001

**KAYSERİ İLERİ MALZEMELER
BALİSTİK TEST LABORATUVARI****SUMMARY OF BALLISTIC TEST RESULTS****Table 1. NIJ 0101.06 Level IIIA**

Test Samples		Shot Information				Results			
Condition	Sample Number	Weight (gr)	Ammunition	Shot Angle	Shot Number	Velocity (m/s)		Deformation (mm)	
						Max.	Min.	Max.	Min.
-	1	450	.357 SIG FMJ RN	6	448	440	39	25	

**Ölçüm Belirsizliği
(Measurement Uncertainty)**

%95 Güven Aralığında, k=2 için hızda %0,667 (3,243 m/s) olarak hesaplanmıştır.
In %95 k=2 confidence interval, uncertainty has been calculated %0,667 (3,243 m/s) for velocity.

KAYSERİ İLERİ MALZEMELER BALİSTİK TEST LABORATUVARI

Name of Ballistic Test Standard	NIJ 0101.06
Level of Ballistic Test Standard	Level IIIA

Date	11.02.2026
Time	11:00
Test Number	KM-0226-007
Ambient Temperature (°C)	21,4
Ambient Humidity (%RH)	50,6

Sample Information	
Owner of Sample	Ballistic Defence LLC
Name of Sample	KM-0226-007
Serial Number	-
Weight / Size	450 gram / 300x300 mm

Test Equipment			Backing Material						
Shot Distance (m)	5		Name				Temperature		
Velocity Reading Distance (m)	2,5		Roma Plastina				38,5		
Barrel / Gun	.357 SIG	FMJ RN	Results of Drop Test						
Bullet Weight/Gunpowder Amount (gn)	158 grain	8,87 grain	20,02	20,15	20,19	20,28	20,1	Average	20,14

Shot No	Velocity (m/s)		Deformation (mm)	Penetration (CP-PP)	Note
1	442	442	30	PP	
2	440	440	35	PP	
3	442	442	29	PP	
4	442	442	25	PP	
5	444	444		PP	
6	448	448		PP	
7					
8					

DESCRIPTION	NOTES
	(a): Low Velocity (b): High Velocity (Possible Velocity Interval): 448 ± 9.1 CP: Complete Penetration PP: Partial Penetration