



**KAYSERİ İLERİ MALZEMELER
BALLISTIC TEST LABORATORY**

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BALLISTIC TEST REPORT

Customer Name/Address	Ballistic Defence LLC
Order No	KM-0226-011
Name And Identity Of Test Item	Ballistic Chest Plate
The Date of Receipt of Test Item	12.02.2026
Remarks	NIJ 0101.06 Level IV
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



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

Condition	Sample Number	Weight (gr)	Ammunition	Shot Angle	Shot Number	Results			
						Max.	Min.	Max.	Min.
-	1	2.612	7,62x63	0°	3	884.5	879.4	31	28

**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 IV

Date	11.02.2026
Time	14:30
Test Number	KM-0226-011
Ambient Temperature (°C)	21,4
Ambient Humidity (%RH)	50,6

Sample Information	
Owner of Sample	Ballistic Defence LLC
Name of Sample	KM-0226-011
Serial Number	-
Weight / Size	2.612 gram / 250x300 mm

Test Equipment			Backing Material						
Shot Distance (m)	15		Name			Temperature			
Velocity Reading Distance (m)	2,5		Roma Plastina			38,0			
Barrel / Gun	7,62x63	M2AP	Results of Drop Test						
Bullet Weight/Gunpowder Amount (gn)	166		20,80	20,22	20,33	19,85	20,36	Average	20,31

Shot No	Velocity (m/s)		Deformation (mm)	Penetration (CP-PP)	Note
1	884.3	884.5	28	PP	
2	881.5	881.9	31	PP	
3	879.4	879.9	34	PP	
4					
5					
6					
7					
8					

DESCRIPTION	NOTES
	(a): Low Velocity (b): High Velocity (Possible Velocity Interval): 878±9.1 m/s CP: Complete Penetration PP: Partial Penetration