



**KAYSERİ İLERİ MALZEMELER
BALLISTIC TEST LABORATORY**

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BALLISTIC TEST REPORT

Customer Name/Address	Ballistic Defence LLC
Order No	KM-0226-008
Name And Identity Of Test Item	Ballistic Chest Plate
The Date of Receipt of Test Item	12.02.2026
Remarks	NIJ 0101.06 Level III+
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 KİM 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 KİM Technologies Ballistic Laboratory's approval. It is necessary to write KİM 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

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SUMMARY OF BALLISTIC TEST RESULTS

Table 1. NIJ 0101.06 Level III+

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	2.185	5,56X45 SS109	0°	6	996.7	998.2	12.05	11.56

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.

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Name of Ballistic Test Standard	NIJ 0101.06
Level of Ballistic Test Standard	Level III +

Date	11.02.2026
Time	11:30
Test Number	KM-0226-008
Ambient Temperature (°C)	21,4
Ambient Humidity (%RH)	50,6

Sample Information	
Owner of Sample	Ballistic Defence LLC
Name of Sample	KM-0226-008
Serial Number	-
Weight / Size	2.185 gram / 250x300 mm

Test Equipment			Backing Material						
Shot Distance (m)	15		Name				Temperature		
Velocity Reading Distance (m)	2,5		Roma Plastina				39.4 °C		
Barrel / Gun	5.56x45	SS109	Results of Drop Test						
Bullet Weight/Gunpowder Amount (gn)	136	-	19.5	19.3	19.6	19.4	19.7	Average	19.5

Shot No	Velocity (m/s)		Deformation (mm)	Penetration (CP-PP)	Note
1	995.2	995.1	11.56	PP	
2	992.4	992.3	12.05	PP	
3	993.5	993.4	-	PP	
4	996.7	996.7	-	PP	
5	998.3	998.2	-	PP	
6	999.3	999.3	-	PP	
7					
8					

DESCRIPTION	NOTES
	(a): Low Velocity (b): High Velocity (Possible Velocity Interval): 990±9.1 m/s CP: Complete Penetration PP: Partial Penetration