

TEST REPORT

2024CO5301

DATE OF RECEPTION

Date Format: dd/MM/yyyy 01/07/2024

DATE TESTS

Starting: 24/09/2024

Ending: 25/09/2024

APPLICANT

STERGIOPOULOS LEGEND SINGLE MEMBER P.C
28th OCTOBER 152
GR-56121 THESSALONIKI (THESSALONIKI)
Greece

Att. CHRIS STERGIOPOULOS

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024CO5301-S01	Legend Spartan	Plate

TESTS CARRIED OUT

- BALLISTIC RESISTANCE TEST.

Tests marked with * are not included within the scope of the ENAC accreditation.





DESCRIPTION OF SAMPLES



Reference by AITEX: 2024CO5301-S01

Reference by customer:

Legend Spartan

AITEX sample description:

Plate

Information supplied by the customer

Alumina + PE material
2,8 weight



RESULTS

BALLISTIC RESISTANCE TEST

Standard

Perforation and Backface Signature Test (P-BFS) according to point 7.8 from NIJ 0101.06

Standard deviation

The complete test for classification is not carried out. On request of the client, only one plate to be tested with one shot for the ammunition corresponding to level IV and without pretreatments.

Classification level

Apparatus

Shooting range

Reference

2024CO5301-S01

Sample description

Hard plate size 250 x 290 mm; 2808 g weight and 26.5 mm thick. It has a cover in black colour and it is tested stand alone.

Sample conditioned

More than 24 h in test conditions

Pretreatment

Handload velocity test

OK

Velocity measurement

The velocity measurement is made using optical barriers and radar. In the tables of results it is shown the speed at the impact point measured by the optical barriers.

Test shot distance

15 m

Strapping arrangement

According to the standard

Requirements

There should be no perforation of the sample and the traumas must not be higher than 44 mm.

Test conditions

20.8°C / 56.6% R.H

Test date

24/09/2024 - 25/09/2024

Roma #1 Plastiline Calibration

AVERAGE: 19.3 mm (before the test) and 37°C

AVERAGE: 17.6 mm (after the test) and 35°C

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**Results by panel****Caliber 1**

30.06 AP M2 10.7 g at velocity (878±9.1) m/s

POSITION	ANGLE	VELOCITY	FAIR HIT (Yes/No)	PERFORATION	TRAUMA (mm)
1	0 °	878,6	Yes	No	30,2

Test uncertainty

± 1.0 m/s in the velocity measurement and ± 0.3 mm in the trauma measurement.

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The test was carried out at laboratory located at Carretera Banyeres 10 - 03802 Alcoi, Alicante



Begoña Picó
Head of Public Tenders Division



Date: 26/09/2024 15:08:55

Digitally Signed by: RAQUEL SALES PERICAS -

NIF: 21667783N

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