

Cert. No: LF20220587



170021181701



中国认可
国际互认
检测
TESTING
CNAS L0269

Certificate of Test

Client: Hebei Kunteng Security Technology Co., Ltd

Address: Xiakou Town, Fucheng County, Hengshui City, Hebei, China

Sample Name: Bullet Proof Plate

Physical and Chemical Inspection Center in Non-metals
Material of Ordnance Industries

Mar.28.2022

NOTES

1. Without business seal and paging seal the certificate is invalid.
2. Without approver signature the certificate is invalid.
3. Without the written approval of our laboratory, the certificate should not be reproduced except in full.
4. This Certificate is based on data obtained from having test only the samples submitted and should not be interpreted as an endorsement by Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries of the continuing quality, or performance, of any other items of the same, or similar design.
5. All instrumentation and measurement devices were calibrated in accordance with ISO 17025 Requirements.

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Sample Name	Bullet Proof Plate	Test Type	Consignation Test
Client	Hebei Kunteng Security Technology Co., Ltd	Contact Person	Chang Weiyan
Address	Xiakou Town, Fucheng County, Hengshui City, Hebei, China	Phone	13833860656
Date Received	03/22/2022	Date Tested	03/24/2022
Sample No.	22032001	Sample Amount	1
Test Standard	NIJ 0101.06 Ballistic Resistance of Body Armor Level IV		
Categories	Ballistic Resistance		
Test Conclusion	<p>The Bullet Proof Plate provided by Hebei Kunteng Security Technology Co., Ltd was tested referring to NIJ 0101.06 Level IV. Under normal temperature and humidity, no perforation occurs after 3 fair shots at the sample with 7.62mm API, no Backface Signature (BFS) depth exceeds 44mm and the maximum BFS depth is 28.6mm. The test results show the ballistic resistance of the sample satisfies the requirements of NIJ 0101.06 Level IV.</p> <p>Laboratory configuration, sample description and test results are showed from Page 2 to 4.</p>		
 <p style="text-align: center;">Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries Mar 28, 2022</p>			
Prepared By:	<i>Gaohuo</i>	Reviewed By:	<i>Pengqiang</i>
		Approved By:	<i>Weiyan</i>

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Laboratory Configuration	
Test Unit	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
Ambient Test Conditions	Temperature: 19°C; Relative Humidity: 42%
Setup	Weapons: Ballistic Barrel Bullets: 7.62mm API Electrical chronometer (No.: 6015) Meter Rule (No.: LS02061) Vernier Caliper (No.: 15120401) Electronic Balance(No.: F40604303)
Test Range	15m
Angle of Incidence	0°
Sample Description	
Sample No.	22032001
Configuration	10mm SiC Ceramic+ 12mm PE plate
Remarks	※ Client requirements: The sample should be shot with 3 rounds of 7.62mm API and every backface signature (BFS) depth of fair shots should be measured.



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Results of Ballistic Resistance Test

Sample No.	Size (mm×mm)	Thickness (mm)	Weight (g)	Conditioning	Shot No.	Velocity(m/s)	Results	BFS Depth(mm)
22032001	250×300	24.1	2481	Normal Temperature and Humidity	1	873.7	Stop	17.5
					2	871.1	Stop	25.7
					3	874.1	Stop	28.6



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Attached Pictures



Fig. 1 Bullet Proof Plate 22032001(strike face)



Fig. 2 Bullet Proof Plate 22032001(wear face)