



170021181701

Cert. No: LF20180262



中国认可
国际互认
检测

TESTING
CNAS L0269

Certificate of Test

Client: Yongkang Longkui Protective Equipment Co., Ltd

Address: No.366, Kechuang Road, the Economic Development Zone,
Yongkang City, Zhejiang Province

Sample Name: Armor Panel

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

Jul.25.2018

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.

Add.: No.3 Tianjiazhuang east road, Tianqiao District, Jinan

P.O. Box 108, Jinan, China

Zip: 250031


Tel.: +86-0531-85878142

Fax: +86-0531-85878162

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

Page 1 of 4

Cert. №: LF20180262

Sample Name	Armor Panel	Test Type	Consignation Test
Client	Yongkang Longkui Protective Equipment Co., Ltd	Address	No.366, Kechuang Road, the Economic Development Zone, Yongkang City, Zhejiang Province
Contact Person	Jet Shi	Phone	18969388688
Date Received	07/20/2018	Test Date	07/20/2018
Sample Amount	1	Sample Type	SA-160
Categories	Ballistic Resistance	Test Standard	NIJ 0101.06 IIIA (.44 Magnum SJHP)
Test Conclusion	<p>The Armor Panel (Sample Type: SA-160) provided by Yongkang Longkui Protective Equipment Co., Ltd. was tested according with NIJ 0101.06 IIIA (.44 Magnum SJHP). Under normal temperature and humidity, no perforation occurs after six fair shots at the sample with .44 Magnum SJHP, no Backface Signature (BFS) depth exceeds 44mm and the maximum BFS depth is 38.4mm. The results show that the ballistic resistance of the sample satisfies the requirements of NIJ 0101.06 Level IIIA (.44 Magnum SJHP) .</p> <p>Laboratory configuration, sample description and test results are showed from Page 2 to 4.</p> <p style="text-align: right;">Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries</p> <p style="text-align: right;">Jul.25.2018</p>		
Prepared By: Wang Wei	Reviewed By: Fonggang	Approved By:	

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

Page 2 of 4

Cert. №: LF20180262

Laboratory Configuration	
Test Unit	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
Ambient Test Conditions	Temperature: 26°C; Relative Humidity:68%
Setup	Weapons: Ballistic Barrel Bullets: .44 Magnum SJHP Electrical chronometer (No.:9415) Meter Rule (No.:LS02061) Electronic Balance(No.:F40604303)
Test Range	5m
Sample Description	
Sample Type	SA-160
Configuration	36 layers PE UD + 1 layer PC + 1 layer foam
Remarks	Blank
Recorded By: <i>Wang Wei</i> Checked By: <i>Wang Rucai</i>	

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

Certificate of Test

Page 3 of 4

Cert. №: LF20180262

Results of Ballistic Resistance Test

Sample Parameters				
Sample Type	Size(mm×mm)	Weight (g)	Conditioning	
SA-160	400 × 400	1015	Normal Temperature and Humidity	
Test Results				
Shot No.	Velocity(m/s)	Angle of Incidence (°)	Results	BFS Depth(mm)
1	431.7	0	Stop	38.4
2	433.6	0	Stop	31.2
3	435.8	0	Stop	37.6
4	440.7	+30	Stop	30.1
5	430.8	-45	Stop	21.6
6	429.4	0	Stop	32.7
	Blank			
Remarks	Clay Drops: 19.8mm, 18.2mm, 20.0mm, 18.6mm, 17.6mm.			
Tested By: Wang Wei				
Checked By: Wang Ruowei				

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

Page 4 of 4

Cert. №: LF20180262

Attached Pictures



Fig. 1 Armor Panel SA-160 (strike face)

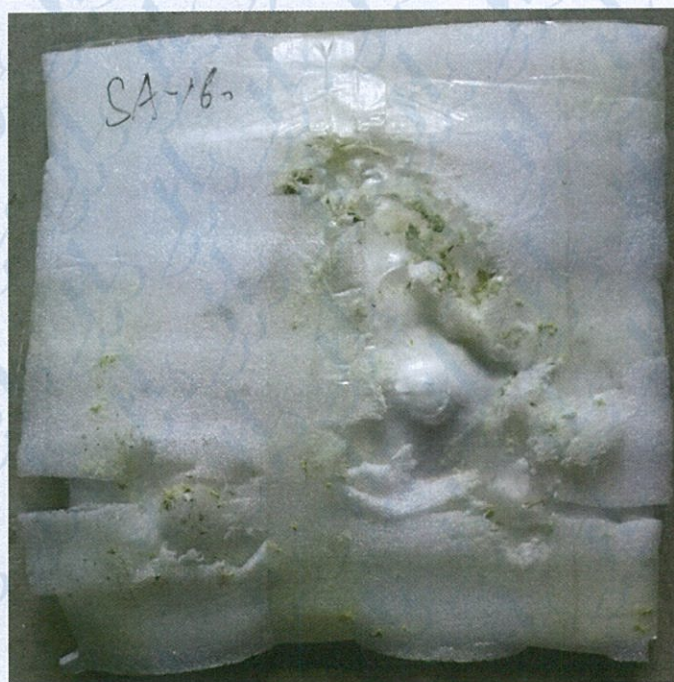


Fig. 2 Armor Panel SA-160 (wear face)