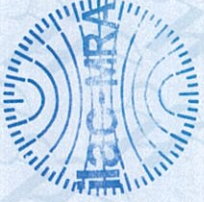




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中国认可
国际互认
检测
TESTING
CNAS L0269

Cert. No: LF20160461

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: Ballistic Helmet

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

Nov.14.2016

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.

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

P.O. Box 108, Jinan, China

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Cert. No.: LF20160461

Sample Name	Ballistic Helmet	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	11/10/2016	Date Tested	11/10/2016
Sample Amount	1	Sample No.	LK-FDK-02
Categories	Ballistic Resistance	Test Standard	NIJ 0106.01 & NIJ 0108.01 IIIA (9mm FMJ RN)
Test Conclusion	<p>The Ballistic helmet (Sample No.: LK-FDK-02) provided by Yongkang Longkui Protective Equipment Co., Ltd was tested according with NIJ 0106.01 & NIJ 0108.01 IIIA (9mm FMJ RN). The test results show that no perforation occurs after five fair shots at different points of the sample with 9mm FMJ RN under normal temperature and humidity. The maximum of the Backface Signature(BFS) depth is 15.0mm.</p> <p>Laboratory configuration, sample description and test results are showed from Page 3 to 5.</p>		
<p>Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries</p> <p>Nov.14.2016</p> <p>Approved By: <i>[Signature]</i></p> <p>Prepared By: <i>Wang Wei</i> Reviewed By: <i>Fengyang</i></p>			

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Cert. №: LF20160461

Laboratory Configuration	
Test Unit	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
Ambient Test Conditions	Temperature: 17°C; Relative Humidity: 55%.
Setup	Weapons: Ballistic Barrel Bullets: 9mm FMJ RN Electrical chronometer. Standard measures. Electronic Balance.
Test Range	5m
Angle of Incidence	0°
Sample Description	
Sample No.	LK-FDK-02
Configuration	PE composites
Remarks	Blank
Recorded By: Wang Wei	Checked By: Wang Xueci

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Cert. №: LF20160461

Results of Ballistic Resistance Test

Sample Parameters				
Sample No.	Thickness(mm)	Weight (g)	Conditioning	
LK-FDK-02	8.9	877	Normal Temperature and Humidity	
Test Results				
Shot No.	Impact Point	Velocity(m/s)	Results	BFS Depth(mm)
1	Front	442.4	Stop	15.0
2	Back	444.1	Stop	14.7
3	Left	439.6	Stop	8.5
4	Right	438.0	Stop	10.3
5	Top	443.2	Stop	13.2
	Blank			
Tested By: Wang Wei		Checked By: Wang Xue		

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

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Cert. №: LF20160461

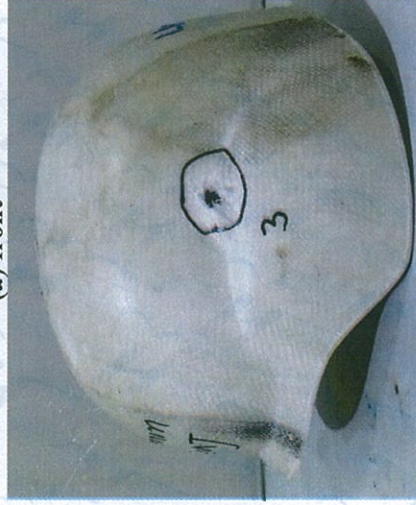
Attached Pictures



(a) front



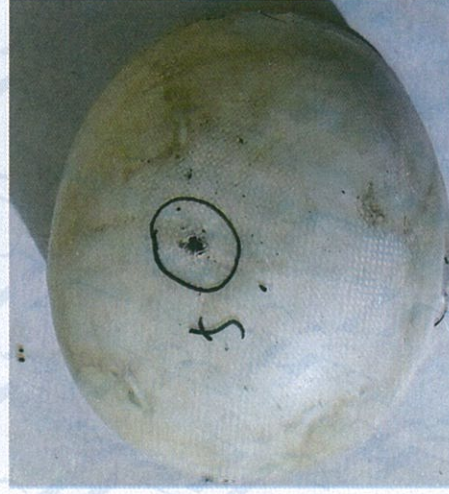
(b) back



(c) left



(d) right



(e) top



(f) inside

Fig. 1 Ballistic Helmet LK-FDK-02 (after testing)