

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

Certificate of Test

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Cert. No.: LF20170003

Sample Name	Ballistic Insert	Test Type	Consignment Test
Client	Yongkang Longkui Protective Equipment Co., Ltd.	Address	No.366, Kechuang Road, The Economic Development Zone, Yongkang City, Zhejiang, China
Contact Person	Jet Shi	Phone	18969388688
Date Received	01/06/2017	Date Tested	01/06/2017
Sample Amount	1	Sample No.	FDB-LK-170106
Categories	Ballistic Resistance	Standard	NIJ 0101.06 Level III

The Ballistic Insert (Sample No.: FDB-LK-170106) provided by Yongkang Longkui Protective Equipment Co., Ltd. was tested according with NIJ 0101.06 Level III. Under normal temperature and humidity, no perforation occurs after 6 fair shots with 7.62mm NATO FMJ, no Backface Signature (BFS) depth exceeds 44mm and the maximum BFS depth is 37.3mm.

Laboratory configuration, sample description and test results are showed from page 3 to 5.

Test Conclusion

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Jan.09/2017

Prepared By: *Wang Wei*

Reviewed By: *Renfang*

Approved By: *Zhonghaibao*



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Results of Ballistic Resistance Test

Sample Parameters			
Sample No.	Size(L×W×T)mm	Weight (g)	Conditioning
FDB-LK-170106	300 × 250 × 18.9	1460	Normal Temperature and Humidity
Test Results			
Shot No.	Velocity(m/s)	Results	BFS Depth(mm)
1	839.6	Stop	34.0
2	833.0	Stop	36.2
3	834.7	Stop	36.0
4	836.1	Stop	37.3
5	834.0	Stop	34.6
6	838.2	Stop	36.8
	Blank		
Remarks	Clay Drops: 17.5mm, 18.9mm, 17.9mm, 19.4mm, 18.3mm.		
Tested By: <i>Wang Wei</i>		Checked By: <i>Wang Jueci</i>	

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Attached Pictures



Fig. 1 Ballistic Insert FDB-LK-170106 (strike face)



Fig. 2 Ballistic Insert FDB-LK-170106 (wear face)