

170021181701



Cert. №: LF20180262

Certificate of Test

Client:	Yongkang Longkui Protective Equipment Co., Ltd						
Address:	No.366,	Kechuang	Road,	the	Economic	Development	Zone
	Yongkan	g City, Zheji	iang Pro	ovine	e	No P	5
Sample N	ame:		Ar	mor I	Panel		

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

Jul.25.2018



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2350	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			
D 13	Sample Description			
Sample Type	SA-160			
Configuration	36 layers PE UD + 1 layer PC + 1 layer foam			
Remarks	Blank			
ecorded By: Way	19 Wei Checked By: Wang Rucai			

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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	035 Pi 37	Sample Type	SA-160
Categories	Ballistic Resistance	Test Standard	NIJ 0101.06 IIIA (.44 Magnum SJHP)

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) .

Laboratory configuration, sample description and test results are showed from Page 2 to 4.

Test Conclusion

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Prepared By: Wang Wei

Reviewed By: Jourgo ang Approved B

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1		W	Sample Para	meters			
Sample	е Туре	Size	(mm×mm)	Weigh	t (g)	Conditioning	
SA-160		400 × 400		1015		Normal Temperature and Humidity	
PA	Pas	D'	Test Res	ults	11 9	1300	
Shot No.	Velocity	(m/s)	Angle of Incidence (°)		Results	BFS Depth(mm	
1	431	7	0		Stop	38.4	
2	433.6		500		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	
B	Blanl	0	5 / Y	100	RY	N YES	
10	152	50	1998	54	NR.	17 357	
Remarks	Clay Drops:	19.8mm,	18.2mm, 20.0mm,	18.6mm, 17	.6mm.	Shall	

Tested By: Wang Wel

Checked By: Would

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Attached Pictures

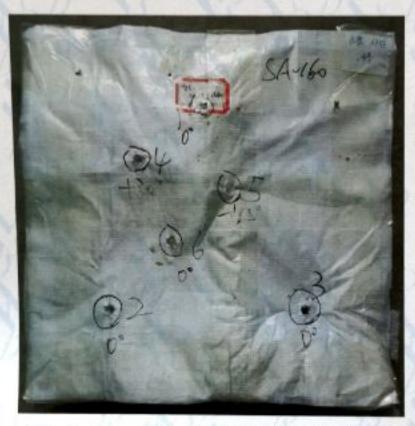


Fig. 1 Armor Panel SA-160 (strike face)



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

Product name	KT-753
Material	UHMWPE
Level	NIJ IIIA .44 Magnum
Color	White
Density	5.8 G/M ²
Thickness	6MM