

National Technical Systems

7447 W. 33rd St. N.

Wichita, KS 67205 U.S.A.

Phone (316) 832-1600

Email ustl@nts.com

www.nts.com/locations/wichita

MODIFIED / ABBREVIATED NIJ 0115.00 STAB RESISTANCE TEST

LEVEL 1: EDGED BLADE (S1/G)

Date Received: Dec. 13, 2021
Via: USPS
Returned Via: UPS

Sample Tested:
Manufacturer: Pangolin Defense
Model No.: N/A
Serial No.: N/A
Size: N/A
Male / Female: Male
Side: Back
Weight (kg): 0.952

Test Conditions:
Temperature: 22 °C
Humidity: 40 %

Record No.: PGD22001-1
Test Date: Jan. 5, 2022
Customer: Pangolin Defense

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Laser Beam Distance:	30 mm		Upper Drop Mass: 1245 g																	
Drop Number	1		2		3		4		5		6		7		8		9		10	
Strike Energy Goal (J)	E1	24	E1	24	E1	24	E1	24	E1	24	E2	36	E2	36	E2	36	E2	36	E2	36
Angle of Incidence	0°		0°		0°		0°		0°		0°		0°		0°		0°		0°	
Threat Weapon	S1/G		S1/G		S1/G		S1/G		S1/G		S1/G		S1/G		S1/G		S1/G		S1/G	
S1/G Mass (g)	43.84		43.84		43.84		43.84		43.84		43.84		43.84		43.84		43.84		43.84	
Lower Mass w/o Blade (g)	609		609		609		609		609		609		609		609		609		609.00	
Total Drop Mass (g)	1898		1898		1898		1898		1898		1898		1898		1898		1898		1898	
Drop Height	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in
	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6
Time to Traverse Beams (ms)	6.073		6.041		6.056		6.088		6.051		4.949		4.943		4.960		4.950		4.950	
Drop Energy (J)	24.2		24.4		24.3		24.0		24.3		36.2		36.3		36.0		36.2		36.2	
Fair Hit (Y/N)	Y		Y		Y		Y		Y		Y		Y		Y		Y		Y	
Penetration (mm)	2		2		2		3		2		2		5		4		3		5	
Impact Location	Left Center		Top Right		Right Center		Right Center		Bottom Center		Center		Center		Bottom Right		Bottom Left		Bottom Center	
Tip Sharpness:	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
TEST RESULT: PASS / FAIL	PASS		PASS		PASS		PASS		PASS		PASS		PASS		PASS		PASS		PASS	
Remarks																				

This test report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, NIJ or any agency of the Federal Government. This report contains data that are not covered by the NVLAP accreditation. This test was performed in accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results properly reflect the performance of the listed sample. This report shall not be reproduced except in full without written approval of National Technical Systems.

Test Remarks/Notes:

Panel tested in cover only, no outer carrier provided

Sample Description:

•Customer proprietary

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