



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

राष्ट्रीय न्यायालयिक विश्वविद्यालय
(राष्ट्रीय महत्वका संस्थान, गृह मंत्रालय, भारत सरकार)
National Forensic Sciences University
(An Institution of National Importance Under Ministry of Home Affairs
Government of India)



**BALLISTIC RESEARCH CENTRE &
TESTING RANGE (BRCTR)**
ISO 9001:2015 Certified

Ref. No.: - NFSU/BRCTR/BER/095/522/24

Date: - 12/07/24

BALLISTIC EVALUATION REPORT

NFSU File No.	NFSU/2425/BER/095
Date of Report	12/07/2024
User Request Letter No.	-
Acceptance of tender No./ Tender Enquiry No./ Supply order No.	-
Date of Trails	05/07/2024
Sample Type *	Ballistic Rubber Blocks
Sample Type Test	-
Submitted by	Sunflex Recycling Pvt Ltd
User/Indenter	-

(S.G. Khandelwal)
Head

Note: -

1. The Test results of Ballistic evaluation of **One (01) Ballistic Rubber Blocks**, submitted by **Sunflex Recycling Pvt Ltd** are as per the sheet attached here with.
2. The test articles were brought to BRCTR-NFSU, Gandhinagar by the User/Supplier Representative as per their own specification / fabrication process.
3. BRCTR-NFSU, Gandhinagar is not responsible, directly or indirectly, for the quality of production lots being manufactured by the firm.
4. The report is Valid only for the particular item evaluated against specified ammunition & publication of these results in any abridges form is not allowed without the written approval from Head BRCTR-NFSU, Gandhinagar.
5. The tested and untested samples are returned back to the user/manufacturer representative after completion of the testing.
6. The test procedure is followed as per As per user requirement.

Encl: Compliance Test -01

*Details mentioned as provided by the supplier

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COMPLIANCE TEST-01

BASIC DETAILS

NFSU Test Sample ID	NFSU/BRCTR/2425/BRAP/95/SUN/01	Trail Date	05/07/2024
Sample Type*	Ballistic Rubber Blocks	Sample ID :	01
Sample Type Test	-	Grade:	-
Type of Firearm	SN:5327, 5283	Distance of Firing	10m
Type of Ammunition	7.62 × 51 mm, 7.62 × 39 mm (HSC)	Room Temperature	38 °C
Reference Velocity	838 ± 15 m/s, 700± 15 m/s	Humidity	59.8 %
Testing Standard	As per user requirement		

SAMPLE DESCRIPTION

Sample Type	Length (mm)	Breadth(mm)	Thickness(mm)	Weight (Kg)
Ballistic Rubber Blocks	610	620	235	>30

TEST DATA

Shot No.	Fair / Unfair	Angle of Impact	Velocity (m/sec)	Perforation/No Perforation/Crack	Remark
1.	Fair	0°	847.7	No Perforation	-
2.	Fair	0°	862.6	No Perforation	-
3.	Fair	0°	856.6	No Perforation	-
4.	Fair	0°	851.7	No Perforation	-
5.	Fair	0°	853.6	No Perforation	-
6.	Fair	0°	724.2	No Perforation	-

Trial Officer, NFSU Gandhinagar.



S. G. Khandelwal
Head

Ballistic Research Centre & Testing Range



Dr. Saurabh Kumar
Scientific Officer (Ballistics)
Ballistic Research Centre & Testing Range

Manufacturer's representative(s) witnessed the trials: