



VIRTUE META-SOL

MATERIAL SOLUTIONS

(AN ISO 9001:2015 & ISO 17025:2017 (NABL) ACCREDITED LABORATORY)

(CERTIFICATE No: TC9051)

SHOP No:6&7, SMR VINAY CAPITOL, OPPOSITE BALANAGAR POLICE STATION,
HYDERABAD, TELANGANA, INDIA. 500 037

TEST REPORT

Issued to:

M/s. Vector Technics Private Ltd,
1st Floor, Trishula, Plot No: 62, Sy No: 376/A,
Prashant Nagar, Rajiv Gandhi Nagar, IDA, Kukatpally,
Hyderabad, Telangana – 500072.

Test Report No : VMS/R/21-22/01779-1
Test Report Date : 08.03.2023

SAMPLE PARTICULARS

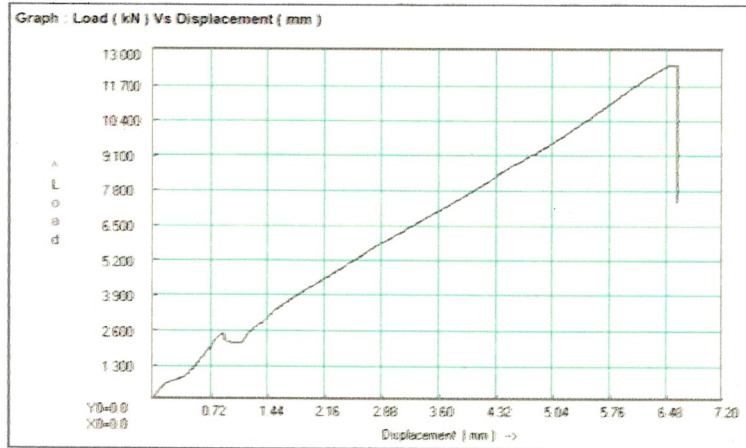
Page 1 of 2

Sample Details : 3010 CFRP Propeller
Sample Description : Propeller for drones/UAV
Quantity : 1 No's
Packing Details : Good
Test Required : Breaking Load

Reference Number : NA
Reference Date : NA
Date of Receipt : 02.03.2023
Date of Testing : 02.03.2023
Date of Completion : 08.03.2023

TEST RESULTS

S. No	Test Parameter	UOM	Results
1	Breaking Load	N	12460



Test Method: Customer Specification, VMS/MECH/SOP/01.

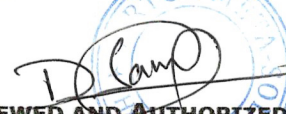
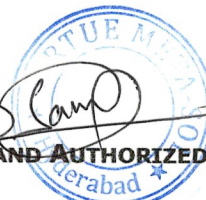
Note1: Clamping- 60mm and 230mm from root.

Note2: Breaking at 221mm from root.

Disclaimer - 1: This report relates only to the particular sample submitted for test.

Disclaimer -2: Sampling is done by customer.

END OF THE REPORT


REVIEWED AND AUTHORIZED BY




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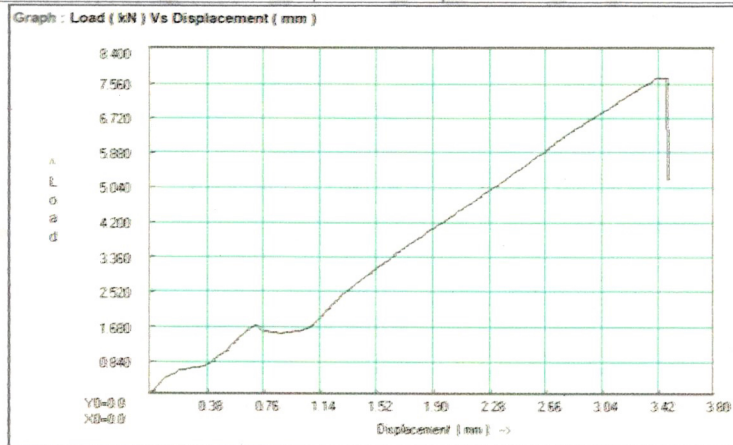
SAMPLE PARTICULARS

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Sample Details	: 3010 CFRP Propeller	Reference Number	: NA
Sample Description	: Propeller for drones/UAV	Reference Date	: NA
Quantity	: 1 No's	Date of Receipt	: 02.03.2023
Packing Details	: Good	Date of Testing	: 02.03.2023
Test Required	: Breaking Load, Poisson's ratio	Date of Completion	: 08.03.2023

TEST RESULTS

S. No	Test Parameter	UOM	Results
1	Breaking Load	N	7680
2	Poisson's ratio	-	0.29



Test Method: Customer Specification, VMS/MECH/SOP/01.


Note1: Clamping-235mm and 305mm from root.

Note2: Breaking at 298mm from root.

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Test Report No : VMS/R/21-22/01779-2
Test Report Date : 08.03.2023

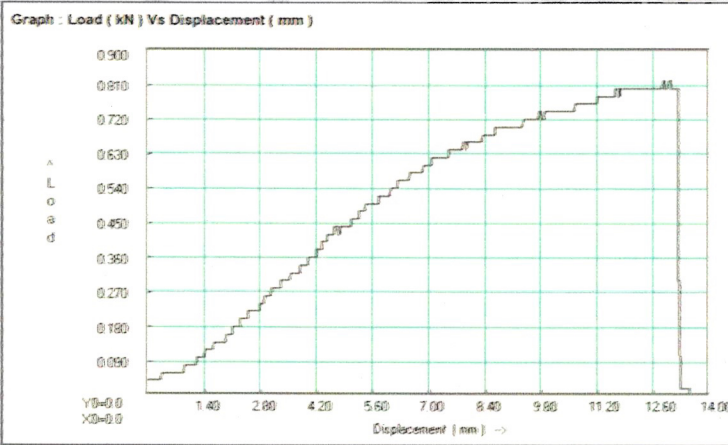
SAMPLE PARTICULARS

Page 1 of 1

Sample Details : 3010 CFRP Propeller	Reference Number : NA
Sample Description : Propeller for drones/UAV	Reference Date : NA
Quantity : 1 No's	Date of Receipt : 02.03.2023
Packing Details : Good	Date of Testing : 02.03.2023
Test Required : Flexural Load (3 Point Bending Force)	Date of Completion : 08.03.2023

TEST RESULTS

S. No	Test Parameter	UOM	Results
1	Flexural Load (3 Point bending Force)	N	820 @ 100mm span length



Test Method: ASTM D792, Customer Specification, VMS/MECH/SOP/01.

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Disclaimer -2: Sampling is done by customer.

END OF THE REPORT


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