

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
DIVISION OF CIVIL ENGINEERING
SCHOOL OF ENGINEERING
COCHIN UNIVERSITY P.O., KOCHI – 682022, KERALA

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Ref.No: CUSAT/270/09/21-22/0249
T.O Date: 17.09.2021
Report Date: 18.09.2021

Confident Projects Residential
SA Road, Vyttila

TEST REPORT ON PHYSICAL PROPERTIES OF REINFORCING STEEL


Source of sample : Sample supplied by the Customer
No. of Samples : 6 set
Customer Reference* : Letter Dated on 17.09.2021
Project name* : Not Specified
Sample reference : 8mm, 10mm, 12mm, 16mm, 20mm, 25mm
Condition of Samples : Satisfactory
Brand/ Type* : TULSYAN Fe 500
Date of Test : 17.09.2021
Test Method : IS 1608-2005(Reaffd 2011), IS 1786-2008(Reaffd 2013), IS 1599:2012
CUSAT Reference : PLB3/17870/2007dated 24.07.2017

PHYSICAL PROPERTIES:

| Sl. No | Sample Dia | Brand* | Weight per Meter (kg) | 0.2% Proof-Stress (N/mm ²) | UTS (N/mm ²) | Elongation (%) | Bend | Rebend |
|--------|------------|----------------|-----------------------|--|--------------------------|----------------|--------------|--------------|
| 1. | 8 mm | TULSYAN Fe 500 | 0.390 | 640 | 740 | 25 | Satisfactory | Satisfactory |
| 2. | 10 mm | TULSYAN Fe 500 | 0.612 | 551 | 692 | 22 | Satisfactory | Satisfactory |
| 3. | 12 mm | TULSYAN Fe 500 | 0.854 | 522 | 654 | 26 | Satisfactory | Satisfactory |
| 4. | 16 mm | TULSYAN Fe 500 | 1.584 | 532 | 711 | 20 | Satisfactory | Satisfactory |
| 5. | 20 mm | TULSYAN Fe 500 | 2.452 | 528 | 659 | 15 | Satisfactory | Satisfactory |
| 6. | 25 mm | TULSYAN Fe 500 | 3.862 | 481 | 738 | 16 | Satisfactory | Satisfactory |

*As Furnished by the Customer

- Note:**
1. The results relate only to the samples tested.
 2. Report shall not be reproduced, except in full, without the written approval of the lab.
 3. Any correction invalidates this report.


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