

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/112/01/20-21/0455
T.O Date: 06.01.2021
Report Date: 09.01.2021

Confident Projects India Pvt Ltd
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 06.01.2021
Project name* : Not Specified
Sample reference : 8mm,10mm,12mm,16mm,20mm,25mm
Condition of Samples : Satisfactory
Brand/ Type* : Fe 500
Date of Test : 09.01.2021
Test Method : IS 1608-2005(Reaffd 2011), IS 1786-2008(Reaffd 2013)
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 (%)
1.	8 mm	Tulsyan TMT Fe 500	0.398	510	588	21
2.	10 mm		0.641	576	717	20
3.	12 mm		0.892	542	578	19
4.	16 mm		1.613	537	612	20
5.	20 mm		2.474	531	665	23
6.	25 mm		3.870	570	673	26

*As Furnished by the Customer

Remarks: The above tested samples conform to IS: 1786-2008(Reaffirmed 2013) requirements for Fe 500 grade, with respect to tests conducted

- 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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