



SRI RAGHAVENDRA MATERIAL TESTING SERVICES

ACCREDITED BY NABL TO ISO/IEC:17025:2017 vide CERTIFICATE No :TC-5482

ULR No.: TC548222400000366F



TC-5482

TEST REPORT

REPORT No. : 2AMS145 **REPORT DATE** : 10.01.2022
CUSTOMER ADDRESS : SHRI LAKSHMI STEEL SUPPLIERS,
9-11, KIADB Indl. Area, Balagaranahalli,
Anekal Taluk, Attibele, Bangalore - 562 107. **PAGE** : 1/1

REFERENCE : DC No. CC-18; Dt: 03.01.2022 **RECEIVED ON** : 03.01.2022
TESTED ON : 10.01.2022

SAMPLE DESCRIPN. : DURASTRONG BARBED WIRE
(as given by customer)

NATURE OF TEST : WEIGHT OF COATING

TEST METHOD : IS : 6745-1972 (RA 2016)

Parameter	Observations
Coating wt (GSM)	26.1 g/sq.m

TESTED BY

.P

APPROVED BY

Praveen R
Metallurgist

- * Results furnished pertain only to the tested sample.
- * Sampling is not carried out by SRMTS. Total liability is limited to the invoiced amount.
- * This report may not be reproduced except in full and cannot be used as evidence in any court of law.
- * Tested samples will be retained for a maximum period of 15 days from the date of receipt.

F004/R2



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Name: **SHRI RAGHAVENDRA MATERIAL TESTING SERVICES** vide CERTIFICATE No :TC-5482
Address:

To : SHRI LAKSHMI STEEL SUPPLIERS
Address : 9-11, KIADB INDU. AREA, BALAGARANAHALLI ANEKAL TALUK, ATTIBELE, BANGALORE-562107

Sample Identification : DES; DURA STRONG BARBED WIRE

Machine : FIE Make Universal Testing Machine, UNITEK-9450

Input Data : File Name : 2M0102 SHRI LAKSHMI STEE , Record No. : 1 , Date : 07/01/2022

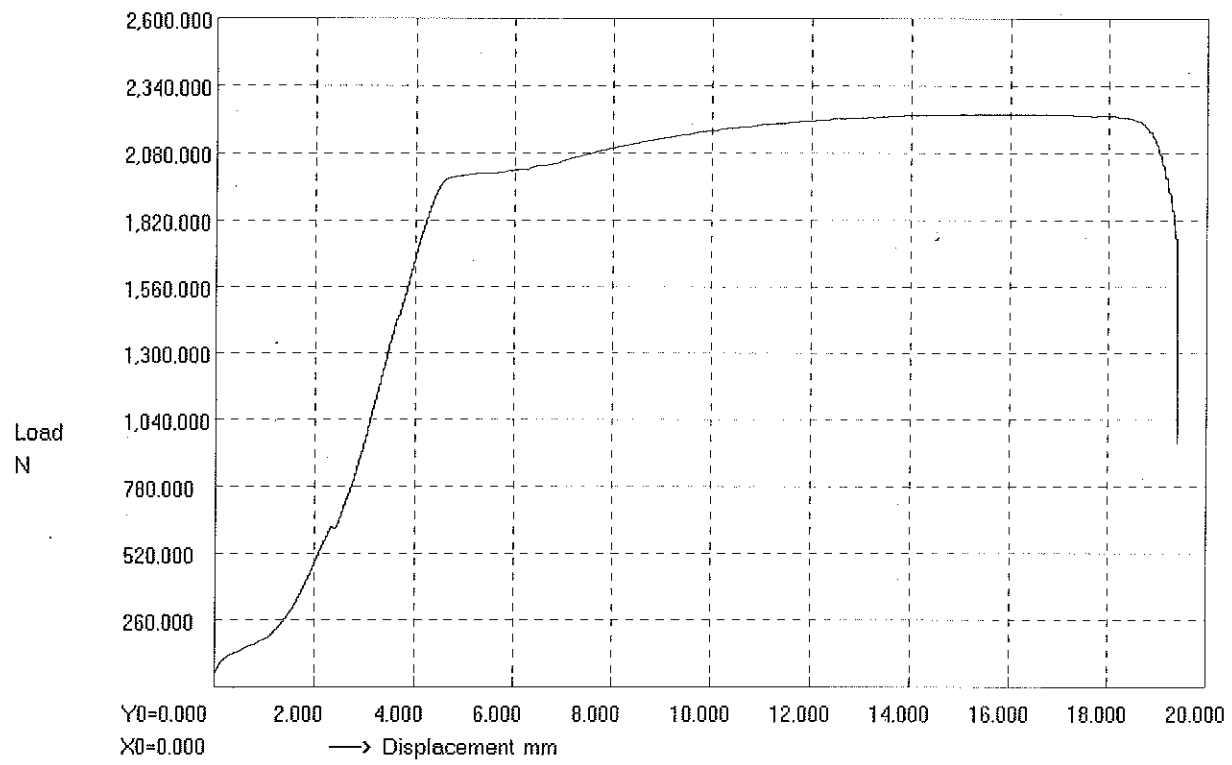
: Sample Type -- Round Solid Bar Area : 3.803 mm²
: Diameter = 2.2 mm Final Dia : 1.37 mm
: Gauge Length : 50 mm Final Gauge Length: 58.66 mm

Results of : Tension Test

Maximum Force (Fm) : 2,230,000 N Yield Load : 1962,500 N
Disp. at Fm : 14,980 mm Yield Stress : 516.039 N/mm²
Max. Disp. : 19,420 mm
Tensile Strength (Rm): 586.401 N/mm²
Elongation : 17.320 %
Reduction in Area (Z) : 61.221 %

* Note : Yield Calculated By Offset method as per ASTM E8 at .2 % Strain offset

Graph : Load Vs Displacement



For Sri Raghvendra Material Testing Services

(Signature)
Venugopal R.K
Manager - Mechanical

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