



MICROLAB

AN IS/ISO/IEC 17025 METALLURGICAL TEST HOUSE

Accredited by NABL, Dept. of Science & Technology, Govt. of India.

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TEST REPORT

Customer: M/s. Sclarian Bicycles Pvt Ltd 42, Aishwarya Nagar, P.N.Pudur Coimbatore - 641 041	Report No / Date	ML/E2858/1/18-19/ Dt: 18.09.2018
	Your ref./ Date	Letter/Dt: 11.09.2018
	Our ref./ Date	TOCR: E2858/18-19/ Dt: 11.09.2018
	Nature of test	Chemical Analysis (OES), Tensile Test
	Test Reference	ASTM E415-2014, ASTM A370-17
	Date of Testing	18.09.2018
	Sample Draw By	Customer
	Sample Description	PIPE Size: 18X1mm Material: AISI 4130 Sample Id : A Qty: 1No.

1. Chemical Analysis:

Elements	Symbol	Unit	Specified Values	Observed Values
Carbon	C	%	0.28-0.33	0.283
Silicon	Si	%	0.15-0.35	0.233
Manganese	Mn	%	0.40-0.60	0.536
Phosphorus	P	%	0.035 max	0.018
Sulphur	S	%	0.040 max	0.010
Chromium	Cr	%	0.80-1.10	0.931
Molybdenum	Mo	%	0.15-0.20	0.165

Remarks: The above chemical composition meets the requirements of ASTM A29- AISI 4130

2. Tensile Test:

Test Parameters	Observed Values
Yield Strength (0.2% offset) MPa	552
Ultimate Tensile Strength (MPa)	749
% Elongation in 50mm GL	24.4

Verified by

----- CONCLUDED -----

For MICROLAB

S. Venkateshwaran
Authorized Signatory.



NOTE : This report relates only to the particular sample submitted for test • Any correction in the report will invalidate this report • Samples will be destroyed after 15 days from date of completion of tests unless informed by the customer • Any complaints about this report should be communicated in writing with in 7 days form the date of receipt of report • This report cannot be reproduced except in full • Sample description is given as described by the customer • Sampling is not carried out by the laboratory.