

Executive Engineer,
Building Division No. 2, Faisalabad

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 3651/081

SOM Lab

Ref: 1889(Page-1/1)

Dated: 10-12-2019

Dated: 13-12-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.443	6	0.735	0.44	0.424	20.82	24.13	104340	108270	120940	125510	0.80	8.0	10.0	
2	1.533	6	0.758	0.44	0.451	15.34	19.49	76900	75020	97690	95310	1.10	8.0	13.8	
3	0.684	4	0.506	0.20	0.201	5.73	7.97	63180	62860	87910	87470	1.30	8.0	16.3	
4	0.680	4	0.505	0.20	0.200	5.76	8.02	63510	63510	88470	88470	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk