

Syed Jawad ul Hussan
Faisalabad

Test Performed By: Dr. /Engr. Amna Rajpoot

Client Reference: Nil

SOM Lab

Ref: 60 (Page-1/1)

Dated: 01-01-2019

Dated: 01-01-2018

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Guage 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	1.457	6	0.738	0.44	0.428	16.69	20.64	83640	85990	103470	106370	1.10	8.0	13.8	
2	1.051	5	0.627	0.31	0.309	13.05	15.49	92830	93130	110230	110590	1.00	8.0	12.5	
3	0.657	4	0.496	0.20	0.193	6.60	9.79	72730	75370	107910	111830	1.30	8.0	16.3	
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BEND TEST:

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

