

Sub Divisional Officer  
Building Sub Division, No. 2, Gujrat

Test Performed By: Dr. /Engr. S. Asad Ali Gillani

Client Reference: 307/G

SOM Lab

Ref: 1951 (Page-1/1)

Dated: 25-12-2019

Dated: 26-12-2019

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.572	8	0.981	0.79	0.756	25.35	34.56	70780	73960	96470	100810	1.20	8.0	15.0	
2	1.502	6	0.749	0.44	0.441	16.00	20.54	80220	80040	102960	102720	1.00	8.0	12.5	
3	0.653	4	0.494	0.20	0.192	6.75	8.89	74420	77520	98020	102110	1.20	8.0	15.0	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Six Samples Received and Tested
# 6	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](http://www.uet-civil.edu.pk)