

Engr Naveed Sadiq
Resident Engineer, Orbit Housing, Lahore

Test Performed By: Dr. /Engr.

M Irfan UI Hassan

Client Reference: Nil

Dated: 04-07-2019

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref: 1051(Page-1/1)

Dated: 04-07-2019

ASTM-A-615

Deformed

Bar

Gauge Length: 8 inch

Sample Type:

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	0.657	4	0.496	0.20	0.193	6.90	8.43	76100	78860	92960	96340	1.00	8.0	12.5	
2	0.656	4	0.496	0.20	0.193	7.05	8.53	77790	80610	94090	97500	1.10	8.0	13.8	
3	0.651	4	0.493	0.20	0.191	6.85	8.41	75540	79100	92740	97110	1.00	8.0	12.5	
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BEND TEST:

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

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

