

Sub Divisional Officer  
Buildings Sub Division, Pindi Bhattian

Test Performed By: Dr. /Engr. Qasim Shaukat

Client Reference: 88/PB

SOM Lab

Ref: 4492 (Page-1/1)

Dated: 29-05-2021

Dated: 16-06-2021

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	0.643	4	0.491	0.20	0.189	5.17	7.16	56990	60310	78910	83510	1.00	8.0	12.5	
2	0.678	4	0.503	0.20	0.199	5.38	7.54	59350	59650	83180	83600	1.00	8.0	12.5	
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)