

Petrocon (Pvt) Ltd.  
Lahore

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

Client Reference: UET/LHE/P-271/088

SOM Lab  
Ref: 2658(Page-1/1)

Dated: 30-06-2019

Dated: 30-06-2020

Test: Tension 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	1.024	5	0.619	0.31	0.301	10.42	13.10	74120	76340	93190	95980	1.00	8.0	12.5	
2	1.029	5	0.620	0.31	0.302	10.50	13.15	74700	76680	93550	96030	1.10	8.0	13.8	
3	0.662	4	0.498	0.20	0.195	6.49	8.43	71610	73440	92960	95350	1.10	8.0	13.8	
4	0.713	4	0.517	0.20	0.210	7.08	9.33	78130	74410	102860	97960	1.20	8.0	15.0	
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**BEND TEST:**

--	No Bend test performed	<b>Note:- Only Four Samples Received and Tested</b>

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