

Mr. Farooq Akhtar
 PM Elite Engg. Pvt.Ltd.(Total Parco DHA Phase III Lahore.)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab 5802 (Page-

Ref: 1/1)

Dated: 02-02-2022

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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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.451	6	0.736	0.44	0.426	12.23	18.06	61320	63330	90540	93520	1.20	8.0	15.0	
2	1.449	6	0.736	0.44	0.426	12.35	18.17	61930	63960	91050	94040	1.10	8.0	13.8	
3	0.693	4	0.510	0.20	0.204	6.37	8.87	70260	68880	97800	95880	1.10	8.0	13.8	
4	0.664	4	0.498	0.20	0.195	5.98	8.31	65990	67680	91610	93960	1.20	8.0	15.0	
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BEND TEST:

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