

Saif- ur- Rehman

Test Performed By:

Dr. /Engr.

Nauman Khurram

Admin Officer, The Trust School, Aamir Town Harbanspura, Lahore

Client Reference: SBL/2021/UET-TEDDS/1222

SOM Lab

4312(Page-

Ref:

1/1)

Dated: 07-05-2021

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Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed

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	2.665	8	0.998	0.79	0.783	24.67	33.44	68870	69490	93340	94180	1.50	8.0	18.8	
2	2.660	8	0.998	0.79	0.782	24.74	33.49	69070	69780	93490	94440	1.30	8.0	16.3	
3	1.453	6	0.737	0.44	0.427	12.92	18.22	64740	66710	91310	94090	1.30	8.0	16.3	
4	1.470	6	0.742	0.44	0.432	14.50	19.88	72660	74000	99640	101480	1.20	8.0	15.0	
5	0.655	4	0.494	0.20	0.192	5.98	8.21	65990	68740	90490	94260	1.50	8.0	18.8	
6	0.655	4	0.494	0.20	0.192	5.96	8.23	65760	68500	90720	94500	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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