

Ayhan Sarica

Project Manager, Areaa Insaat Sanayi ve Ticaret Ltd. Sti

Test Performed By:

Dr. /Engr.

S. Asad Ali  
Gillani

Client Reference: A-TCL-01/2020

Dated: 02-01-2020

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1997(Page-1/1)

Dated: 02-01-2020

ASTM-A-615

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	0.665	4	0.498	0.20	0.195	6.24	9.35	68800	70560	103080	105720	1.20	8.0	15.0	
2	0.662	4	0.498	0.20	0.195	7.16	9.09	78910	80940	100270	102840	1.10	8.0	13.8	
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Four 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](http://www.uet-civil.edu.pk)

Al- Hayat Residencia  
Raiwind Road Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali  
Gillani

Client Reference: nil

Dated: 01-01-2020

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1999(Page-1/1)

Dated: 02-01-2020

ASTM-A-615

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	2.623	8	0.991	0.79	0.771	28.97	38.23	80880	82870	106720	109350	1.20	8.0	15.0	
2	2.616	8	0.990	0.79	0.769	25.66	32.74	71630	73590	91410	93900	1.20	8.0	15.0	
3	1.536	6	0.758	0.44	0.451	15.55	20.74	77920	76020	103980	101440	1.20	8.0	15.0	
4	1.520	6	0.754	0.44	0.447	14.29	19.80	71640	70520	99230	97670	1.30	8.0	16.3	
5	0.665	4	0.498	0.20	0.195	7.59	9.84	83750	85890	108480	111260	0.90	8.0	11.3	
6	0.668	4	0.500	0.20	0.196	6.83	9.09	75320	76850	100270	102320	0.90	8.0	11.3	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)