

Zahid Mughal
C/O M/S Amanah Noor Residence Wapda Town, Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 740 (Page-1/1)

Dated: 15-08-2022

Dated: 15-08-2022

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	2.566	8	0.980	0.79	0.754	24.01	35.63	67020	70220	99460	104210	1.20	8.0	15.0	
2	0.652	4	0.494	0.20	0.192	5.88	7.77	64860	67560	85660	89230	1.10	8.0	13.8	
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BEND TEST:

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

PRO-CON
Lahore Cantt.

Test Performed By: Dr. /Engr. Irfan ul Hassan

Client Reference: Nil

SOM Lab

Ref: 741 (Page-1/1)

Dated: 13-08-2022

Dated: 15-08-2022

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	1.496	6	0.748	0.44	0.440	16.48	20.49	82620	82620	102700	102700	1.20	8.0	15.0	
2	1.487	6	0.746	0.44	0.437	16.46	20.51	82520	83090	102800	103510	1.40	8.0	17.5	
3	0.672	4	0.501	0.20	0.197	6.22	8.05	68570	69620	88800	90160	1.10	8.0	13.8	
4	0.661	4	0.497	0.20	0.194	6.42	8.23	70820	73010	90720	93520	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

Moiz Alyas
Apna Ghar Housing Scheme.

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

Client Reference: Nil

SOM Lab

Ref: 742 (Page-1/1)

Dated: 15-08-2022

Dated: 15-08-2022

Test: Tension Test & Bend Test

Test Specification: BS-4449

Tor

Gauge Length: 2 inch

Sample Type: 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	0.663	4	0.498	0.20	0.195	5.81	7.39	64080	65720	81500	83590	0.30	2.0	15.0	
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BEND TEST:

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

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Awais Mushtaq

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

XEN GE (Air) Lahore.(Const Of It Infrastructure At PAF Base Lahore)

Client Reference: 603/04/B&R-M

SOM Lab

Ref:

743 (Page-1/1)

Dated: 02-08-2022

Dated:

15-08-2022

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	2.588	8	0.984	0.79	0.761	25.38	32.59	70860	73560	90980	94450	1.00	8.0	12.5	
2	1.502	6	0.749	0.44	0.441	15.39	19.06	77160	76980	95550	95330	1.00	8.0	12.5	
3	0.670	4	0.501	0.20	0.197	6.01	8.92	66320	67330	98360	99860	1.20	8.0	15.0	
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BEND TEST:

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

Nadeem Akhtar

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Site Supervisor H&H Construction.(House Const Of Plot # 119 Sec-C,DHA Ph-8 Lahore)

Client Reference: Nil

SOM Lab

Ref:

744 (Page-1/1)

Dated: 15-08-2022

Dated:

15-08-2022

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	1.513	6	0.753	0.44	0.445	12.46	17.74	62440	61740	88910	87910	1.30	8.0	16.3	
2	0.702	4	0.512	0.20	0.206	6.51	9.38	71830	69740	103420	100410	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- 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