

M Qaisar
Khalid Overseas Corp. Small Industries Estate.sialkot

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

Client Reference: Nil

SOM Lab

Ref: 5489(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615
Deformed Bar
)

Gauge Length: 8 inch

Sample Type:

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	2.627	8	0.991	0.79	0.772	26.40	35.68	73710	75430	99600	101930	1.20	8.0	15.0	
2	1.472	6	0.743	0.44	0.433	14.75	19.29	73940	75130	96670	98240	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
# 6	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

Muhammad Waqas
Lahore

Test Performed By: Dr. /Engr. Qasim Shaukat

Client Reference: Nil

SOM Lab

Ref: 5490(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

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	1.445	6	0.736	0.44	0.425	10.98	16.43	55030	56970	82370	85270	1.70	8.0	21.3	
2	1.523	6	0.755	0.44	0.448	12.49	17.96	62590	61480	90030	88420	1.50	8.0	18.8	
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BEND TEST:

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

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

Abdul Ghafar

Test Performed By: Dr. /Engr. Asad Gillani

PM Liberty Builders.(Const. Of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Rd,Lahore)

Client Reference: ST/UET/20211220-A

SOM Lab

Ref: 5491(Page-1/2)

Dated: 20-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Batala Premium)

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	1.447	6	0.736	0.44	0.425	13.83	21.56	69340	71790	108070	111880	1.40	8.0	17.5	
2	1.451	6	0.736	0.44	0.426	13.30	19.75	66680	68870	98970	102220	1.30	8.0	16.3	
3	1.450	6	0.736	0.44	0.426	14.17	21.94	71020	73360	109960	113570	1.20	8.0	15.0	
4	0.661	4	0.497	0.20	0.194	6.34	9.35	69920	72080	103080	106270	1.20	8.0	15.0	
5	0.651	4	0.493	0.20	0.191	6.24	9.23	68800	72040	101730	106520	0.90	8.0	11.3	
6	0.660	4	0.497	0.20	0.194	6.14	9.23	67670	69770	101730	104880	1.00	8.0	12.5	
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BEND TEST:

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

Abdul Ghafar

Test Performed By: Dr. /Engr. Asad Gillani

PM Liberty Builders.(Const. Of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Rd,Lahore)

Client Reference: ST/UET/20211220-B

SOM Lab

Ref: 5491(Page-2/2)

Dated: 20-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mioz Steel)

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	2.649	8	0.995	0.79	0.778	23.19	35.24	64740	65740	98380	99900	1.80	8.0	22.5	
2	2.735	8	1.012	0.79	0.804	24.79	36.77	69210	68010	102650	100860	1.50	8.0	18.8	
3	2.660	8	0.998	0.79	0.782	23.98	35.75	66940	67620	99800	100820	1.40	8.0	17.5	
4	1.542	6	0.759	0.44	0.453	14.22	20.34	71280	69230	101940	99010	1.50	8.0	18.8	
5	1.549	6	0.761	0.44	0.455	13.83	20.15	69340	67050	101020	97690	1.70	8.0	21.3	
6	1.533	6	0.758	0.44	0.451	13.99	19.27	70100	68390	96570	94220	1.50	8.0	18.8	
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BEND TEST:

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

Faiz Muhammad Rind

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

RE Kachhi Canal Rem.Works Consults.(Const. of Main canal and Distribution System)

Client Reference: KCP/RE-6B(2R)/21

SOM Lab

Ref:

5492(Page-1/1)

Dated: 13-12-2021

Dated:

20-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Nomee Steel)

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	2.629	8	0.992	0.79	0.773	28.72	35.60	80170	81930	99380	101560	1.20	8.0	15.0	
2	2.611	8	0.988	0.79	0.767	27.59	34.78	77040	79350	97100	100010	1.00	8.0	12.5	
3	1.497	6	0.748	0.44	0.440	15.36	20.51	77000	77000	102800	102800	1.00	8.0	12.5	
4	1.467	6	0.741	0.44	0.431	15.60	20.51	78180	79810	102800	104950	1.00	8.0	12.5	
5	1.037	5	0.623	0.31	0.305	13.05	15.75	92830	94350	112050	113880	1.00	8.0	12.5	
6	1.038	5	0.623	0.31	0.305	12.95	15.60	92100	93610	110960	112780	1.00	8.0	12.5	
7	0.666	4	0.500	0.20	0.196	5.93	8.92	65420	66760	98360	100370	1.00	8.0	12.5	
8	0.664	4	0.498	0.20	0.195	5.81	8.97	64080	65720	98920	101460	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 5	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

Irfan Siddique

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Building Standards Lahore.(Const. Of Residential Building In Gulberg,Lahore)

Client Reference: GT/LTR/211220-139

SOM Lab

Ref: 5493(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

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	2.632	8	0.992	0.79	0.773	26.37	34.53	73620	75240	96390	98510	1.50	8.0	18.8	
2	1.438	6	0.734	0.44	0.423	13.83	18.60	69340	72120	93250	97000	1.20	8.0	15.0	
3	0.657	4	0.496	0.20	0.193	6.07	7.92	66890	69310	87340	90510	1.00	8.0	12.5	
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BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

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

Traiq Alvi
892 FF City Housing Gujranwala

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

Client Reference: Nil

SOM Lab

Ref: 5494(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar \ (Agha Steel)

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	1.445	6	0.736	0.44	0.425	14.90	20.25	74700	77340	101530	105110	1.40	8.0	17.5	
2	1.500	6	0.749	0.44	0.441	14.73	20.13	73830	73670	100910	100680	1.20	8.0	15.0	
3	0.655	4	0.494	0.20	0.192	6.54	8.53	72170	75180	94090	98010	1.10	8.0	13.8	
4	0.660	4	0.497	0.20	0.194	6.63	8.58	73070	75330	94650	97580	1.00	8.0	12.5	
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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

Tajammal Hussain Riaz ®

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

RE CSM,ACE Limited (Establishment of Civil Secretariat Multan & Allied Works)

Client Reference: ACE/RE/CSM/2021/009

SOM Lab

Ref: 5495(Page-1/1)

Dated: 17-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Mughal Steel)

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	1.470	6	0.742	0.44	0.432	14.34	19.34	71890	73220	96930	98720	1.10	8.0	13.8	
2	1.478	6	0.743	0.44	0.434	14.22	19.37	71280	72270	97080	98420	1.20	8.0	15.0	
3	0.668	4	0.500	0.20	0.196	6.39	8.84	70480	71920	97460	99450	1.00	8.0	12.5	
4	0.667	4	0.500	0.20	0.196	6.60	8.79	72730	74210	96900	98880	1.00	8.0	12.5	
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BEND TEST:

6 Sample bend through 180 degrees Satisfactorily without any crack

4 Sample bend through 180 degrees Satisfactorily without any crack

Note:-Only Six Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Engr. Hassan Nawaz

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

CM,Zameen Aurum.(Construction of Zameen Aurum at Plot No.15 Block L, Lahore)

Client Reference: ZD/ZA/STR018

SOM Lab

Ref: 5496(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar\ (Pak Steel)

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	2.619	8	0.990	0.79	0.770	25.35	35.17	70780	72620	98180	100730	1.50	8.0	18.8	
2	2.639	8	0.994	0.79	0.776	25.66	35.60	71630	72920	99380	101170	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

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

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

Engr. Hasan Nawaz

Test Performed By: Dr. /Engr. Asad Gillani

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/004

SOM Lab

Ref: 5497(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

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	0.687	4	0.507	0.20	0.202	6.47	9.09	71380	70680	100270	99280	1.20	8.0	15.0	
2	0.689	4	0.507	0.20	0.202	6.42	9.02	70820	70120	99480	98500	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

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

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

Engr. Hasan Nawaz

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

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/004

SOM Lab

Ref: 5498(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

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	1.494	6	0.748	0.44	0.439	13.56	18.93	67960	68110	94880	95100	1.20	8.0	15.0	
2	1.477	6	0.743	0.44	0.434	13.32	18.73	66780	67710	93860	95160	1.20	8.0	15.0	
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BEND TEST:

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

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

Maj Adnan Khalid (R)

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

Dy Dir MTL DHA Lhr,(Const. Of Infra Works overseas Enclave Sector-T Ph-VII DHA Lhr)(M/s DHA-C)

Client Reference: 408/241/E/Lab/172/16T

SOM Lab

Ref: 5499(Page-1/1)

Dated: 26-11-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (SJ Steel)

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	1.045	5	0.625	0.31	0.307	10.70	13.88	76150	76890	98780	99740	1.20	8.0	15.0	
2	1.048	5	0.626	0.31	0.308	10.52	13.86	74840	75330	98630	99270	1.10	8.0	13.8	
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BEND TEST:

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

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

Irfan Siddique

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Building Standards Lahore.(Const. Of Commercial Project In Pattoki)

Client Reference: GT/LTR/211220-140

SOM Lab

Ref:

5500(Page-1/1)

Dated: 20-12-2021

Dated:

20-12-2021

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	2.597	8	0.986	0.79	0.763	23.52	33.86	65650	67980	94540	97880	1.40	8.0	17.5	
2	1.503	6	0.750	0.44	0.442	13.48	18.83	67550	67240	94370	93950	1.00	8.0	12.5	
3	0.639	4	0.489	0.20	0.188	7.16	9.07	78910	83950	100050	106430	1.00	8.0	12.5	
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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

Asif Pervaiz Butt
 RE AYQ Developers Pvt.Ltd. (Union Complex)

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

Client Reference: Nil

SOM Lab

Ref: 5501(Page-1/1)

Dated: 20-12-2021

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF Steel)

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	1.477	6	0.743	0.44	0.434	12.92	18.01	64740	65630	90290	91530	1.50	8.0	18.8	
2	1.510	6	0.752	0.44	0.444	13.43	18.42	67290	66690	92330	91500	1.20	8.0	15.0	
3	1.522	6	0.754	0.44	0.447	13.78	18.86	69080	68000	94530	93050	1.40	8.0	17.5	
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BEND TEST:

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

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

Naveed Ahmad
ME DHA, Bahawalpur.

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: 535/QCMTL/DHAB

Dated: 20-12-2021

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref: 5502(Page-1/1)

Dated: 20-12-2021

ASTM-A-615

Deformed Bar (Pak
Steel)

Gauge Length: 8 inch

Sample Type:

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	1.524	6	0.755	0.44	0.448	14.70	19.69	73680	72370	98720	96950	1.10	8.0	13.8	
2	0.670	4	0.501	0.20	0.197	7.00	9.12	77230	78400	100610	102140	1.10	8.0	13.8	
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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