

Khalid Bashir

Test Performed By:

Dr. /Engr.

Wasim Abbas

Ittfaq Building Solution (Pvt.)Ltd.(Kohinoor Textile Mill Raiwind,LHR.(Weaving Unit Extension))

Client Reference: IBS/KTML/ST 06

Dated: 12-04-2022

SOM Lab Ref: CED/SOM/152(Page-1/1)

Dated: 12-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.515	20	20.19	314	320	167.70	206.00	534	525	656	644	35.0	200	17.5	
2	2.441	20	19.90	314	311	183.70	222.20	585	591	707	715	30.0	200	15.0	
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BEND TEST:

20mm	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

Khalid Mehmood

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Site Manager,Albario Engg.(Pvt) Ltd.Tel & Thal Nova Housing Colony Distt. Tharparkar.

Client Reference: Nil

SOM Lab

Ref:

147 (Page-1/1)

Dated: 04-04-2022

Dated:

12-04-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ Seel)

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	0.646	4	0.492	0.20	0.190	6.57	9.07	72510	76320	100050	105310	1.30	8.0	16.3	
2	0.648	4	0.492	0.20	0.190	6.54	9.12	72170	75970	100610	105900	1.10	8.0	13.8	
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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

Sub Divisional officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

BSD No.2 Multan.(200-Beded Mother & Child Hospital At Ghalla Godam Multan)

Client Reference: 1497/2nd

SOM Lab

Ref:

148 (Page-1/1)

Dated: 05-04-2022

Dated:

12-04-2022

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	2.655	8	0.997	0.79	0.780	25.56	34.73	71350	72260	96960	98200	1.20	8.0	15.0	
2	1.493	6	0.748	0.44	0.439	14.75	19.95	73940	74100	99990	100220	1.30	8.0	16.3	
3	0.653	4	0.494	0.20	0.192	6.57	9.14	72510	75530	100830	105030	1.10	8.0	13.8	
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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

Maj Adnan Khalid (R)

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

Dy Dir MTL DHA Lahore,(External Electrification Sys IVY Green Sec-Z DHA Ph-VIII (M/s NLC))

Client Reference: 408/241/32/Lab/95/196-197

SOM Lab

Ref: 149 (Page-1/1)

Dated: 11-04-2022

Dated: 12-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Kamran 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	1.532	6	0.757	0.44	0.450	13.53	18.98	67810	66300	95140	93030	1.50	8.0	18.8	
2	1.545	6	0.760	0.44	0.454	13.17	18.98	66020	63980	95140	92210	1.40	8.0	17.5	
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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

Hashim
Project Manager One Liberty Lahore.

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

Client Reference: OL/2022/04/01
Dated: 12-04-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 150 (Page-1/1)
Dated: 12-04-2022
Test Specification: ASTM-A-615
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	2.555	8	0.978	0.79	0.751	22.70	37.53	63380	66670	104780	110220	1.40	8.0	17.5	
2	2.564	8	0.980	0.79	0.754	22.82	37.74	63720	66760	105350	110380	1.50	8.0	18.8	
3	0.651	4	0.493	0.20	0.191	6.37	10.04	70260	73570	110720	115940	1.10	8.0	13.8	
4	0.646	4	0.492	0.20	0.190	6.42	10.06	70820	74550	110950	116790	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
# 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

Variant
Gulberg 2 Lahore.

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

Client Reference: VA/29/5

SOM Lab

Ref: 151 (Page-1/1)

Dated: 12-04-2022

Dated: 12-04-2022

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	2.614	8	0.989	0.79	0.768	26.88	31.65	75050	77200	88360	90890	1.10	8.0	13.8	
2	2.597	8	0.986	0.79	0.763	25.59	31.16	71430	73960	87000	90080	1.20	8.0	15.0	
3	0.614	4	0.479	0.20	0.180	7.05	8.89	77790	86430	98020	108910	1.00	8.0	12.5	
4	0.599	4	0.473	0.20	0.176	6.88	8.66	75880	86220	95550	108580	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
# 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