

Five Star Mills Pvt Ltd.
32KM Faisalabad Sheikhpura.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: FSSM/Letter # 03

SOM Lab

Ref: 3980 (Page-1/1)

Dated: 23-04-2024

Dated: 23-04-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (5 Star)

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	2.672	8	1.000	0.79	0.785	22.55	35.52	62950	63350	99180	99810	1.60	8.0	20.0	
2	1.501	6	0.749	0.44	0.441	12.95	20.61	64890	64750	103310	103080	1.30	8.0	16.3	
3	1.038	5	0.623	0.31	0.305	9.55	14.22	67960	69070	101170	102830	1.40	8.0	17.5	
4	0.644	4	0.491	0.20	0.189	6.07	8.89	66890	70780	98020	103730	1.30	8.0	16.3	
5	0.379	3	0.376	0.11	0.111	3.89	5.63	78080	77370	112820	111800	1.00	8.0	12.5	
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BEND TEST:

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

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

M.Waqas Anwar,RE

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

Nespak Lahore.(Dev Of a Controlled Access Corridor Facility From Niazi Interchange to Babu Sabu)

Client Reference: 3772/103/NBI(P-II)/MWA/04/330

SOM Lab

Ref: 3981 (Page-1/2)

Dated: 28-03-2024

Dated: 23-04-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	1.076	5	0.634	0.31	0.316	9.28	14.14	66000	64740	100590	98680	1.30	8.0	16.3	
2	1.067	5	0.632	0.31	0.314	9.17	13.97	65270	64440	99360	98090	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

M.Waqas Anwar,RE

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

Nespak Lahore.(Dev Of a Controlled Access Corridor Facility From Niazi Interchange to Babu Sabu)

Client Reference: 3772/103/NBI(P-II)/MWA/04/329

SOM Lab

Ref: 3981 (Page-2/2)

Dated: 28-03-2024

Dated: 23-04-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	0.666	4	0.500	0.20	0.196	5.98	8.87	65990	67330	97800	99790	1.00	8.0	12.5	
2	0.672	4	0.501	0.20	0.197	5.46	8.18	60250	61170	90150	91530	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