

Sikandar Shah
Bodla Builders (Pvt) Ltd. DHA Multan

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

Client Reference: Nil

SOM Lab Ref: 4744(Page-1/1)

Dated: 03-08-2021

Dated: 03-08-2021

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	2.574	8	0.981	0.79	0.756	27.70	33.54	77320	80800	93630	97840	1.40	8.0	17.5	
2	2.563	8	0.979	0.79	0.753	27.30	33.23	76210	79960	92770	97330	1.00	8.0	12.5	
3	1.514	6	0.753	0.44	0.445	17.02	20.82	85330	84370	104340	103160	1.20	8.0	15.0	
4	1.512	6	0.752	0.44	0.444	16.84	20.76	84410	83650	104080	103140	1.10	8.0	13.8	
5	1.064	5	0.631	0.31	0.313	13.25	15.09	94280	93380	107330	106300	1.10	8.0	13.8	
6	1.061	5	0.630	0.31	0.312	13.20	15.01	93920	93320	106750	106070	1.10	8.0	13.8	
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BEND TEST:

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

Ali Yousaf (PM)
Shahan Brothers Engineers & Construction Services Lahore

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

Client Reference: Nil

SOM Lab Ref: 4746(Page-1/1)

Dated: 03-08-2021

Dated: 03-08-2021

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	2.674	8	1.000	0.79	0.786	27.62	35.93	77120	77520	100320	100830	1.20	8.0	15.0	
2	1.468	6	0.741	0.44	0.431	13.61	18.65	68210	69640	93510	95460	1.30	8.0	16.3	
3	0.693	4	0.510	0.20	0.204	6.88	8.74	75880	74390	96340	94450	1.30	8.0	16.3	
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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