

Dr. /Engr. Asad Ali Gillani

Dated: Nil
Dated: 13-06-2025
ication: ASTM-A 615
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	1.984	20	17.95	314	253	105.20	172.70	335	416	550	683	35.0	200	17.5	
2	1.982	20	17.93	314	252	106.20	174.00	338	421	554	690	27.5	200	13.8	
3	0.783	12	11.27	113	100	37.20	56.50	329	373	500	567	27.5	200	13.8	
4	0.773	12	11.20	113	98	36.50	54.70	323	371	484	556	25.0	200	12.5	
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<u>BEND TEST:</u>															
20mm		Sample bend through 180 degrees Satisfactorily without any crack									Note:- Only Six Samples Received and Tested				
12mm		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															

Admin Manager The Signatures Lahore.(MCB-Fazaia Housing Society,Lahore)

Dr. /Engr. Irfan Ul Hassan

Dated: 13-06-2025

Ref: 1357 (Page-1/1)

Dated: 13-06-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

[illegible]

BEND TEST:

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

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

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

Client Reference: WASA/Ravi-1/RE/1669

Dated: 26-05-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 1358 (Page-1/1)

Dated: 13-06-2025

ASTM-A-615

Deformed Bar (Mughal Steel)

[illegible]

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
PHE Sub Div Sheikhupura.(Const Of PCC,RCC,Sewerage,Drainage,Culverts,Soling & Tuff Tiles at Diff.Ucs)

Client Reference: 85/sd **SOM Lab**
Dated: 18-12-2024 **Ref:** 1359(Page-1/1)
Dated: 13-06-2025

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	0.667	4	0.500	0.20	0.196	6.52	8.21	71940	73410	90490	92340	1.30	8.0	16.3	
2	0.669	4	0.501	0.20	0.197	7.70	8.69	84870	86160	95770	97230	1.20	8.0	15.0	
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<u>BEND TEST:</u>															
--	No Bend test performed										Note:- Only Two Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															