

Maj. Adnan Khalid ®

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL, DHA Sector-A, Block Commercial Ph-VI, Lahore Cantt. (M/S DHA-C)

Client Reference: 408/241/Estb/Lab/145/66

SOM Lab

Ref: 5203 (Page-1/1)

Dated: 15-10-2021

Dated: 26-10-2021

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	0.642	4	0.491	0.20	0.189	7.41	8.89	81720	86480	98020	103730	1.00	8.0	12.5	
2	0.643	4	0.491	0.20	0.189	7.10	9.38	78350	82910	103420	109440	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

Mudessar Iqbal
 Manager QC, Country Developers (Pvt) Ltd. Lahore

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

Client Reference: CD-20-Testing/ST/ABSC-002

SOM Lab

Ref: 5204(Page-1/1)

Dated: 22-10-2021

Dated: 26-10-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Kamran Steel)

ASTM-A-615

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	2.583	8	0.983	0.79	0.759	25.91	35.75	72340	75300	99800	103880	1.30	8.0	16.3	
2	2.571	8	0.981	0.79	0.756	25.61	35.34	71490	74700	98660	103100	1.20	8.0	15.0	
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BEND TEST:

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

