

Arsalan Arshad

Project Manager, Depac (Const. of Dr. Maqbool Ahmad Block King Edward Medical University (KEMU) Lahore)

Test Performed By:

Dr. /Engr.

M Rizwan Riaz

Client Reference: T-39/03/18

SOM Lab Ref: 2504 (Page-1/1)

Dated: 16-05-2020

Dated: 19-05-2020

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	2.554	8	0.978	0.79	0.751	24.62	36.19	68730	72300	101030	106270	1.20	8.0	15.0	
2	1.441	6	0.734	0.44	0.423	14.42	20.15	72300	75210	101020	105080	1.00	8.0	12.5	
3	0.653	4	0.494	0.20	0.192	6.63	8.92	73070	76110	98360	102460	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Ahmad Hamdan
Resident Engineer, 402/F Shah Rukene Alam Colony, Multan

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: 4068/01/AH/01/08

SOM Lab

Ref: 2507(Page-1/1)

Dated: 24-05-2020

Dated:

19-05-2020

Tension Test & Bend

Test: Test

Test Specification:

ASTM-A-615

Gauge Length: 8 h inc

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	0.676	4	0.503	0.20	0.199	5.96	9.04	65760	66090	99710	100210	1.30	8.0	16.3	
2	0.665	4	0.498	0.20	0.195	5.81	8.94	64080	65720	98580	101110	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Brig ® Muhammad Akhtar
Project Director, New Metro City Housing Scheme, Sara-i- Alamgir,

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

Client Reference: PD/NMC/20/60

SOM Lab
Ref: 2508(Page-1/1)

Dated: 19-05-2020

Dated: 19-05-2020

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.580	8	0.982	0.79	0.758	25.99	40.47	72570	75630	112980	117750	1.10	8.0	13.8	
2	2.575	8	0.982	0.79	0.757	26.09	40.54	72830	76000	113180	118110	1.20	8.0	15.0	
3	1.513	6	0.753	0.44	0.445	13.68	19.64	68570	67800	98460	97350	1.40	8.0	17.5	
4	1.505	6	0.750	0.44	0.442	13.71	19.72	68730	68410	98870	98420	1.40	8.0	17.5	
5	0.668	4	0.500	0.20	0.196	6.01	9.14	66320	67680	100830	102890	1.00	8.0	12.5	
6	0.666	4	0.500	0.20	0.196	5.97	9.14	65870	67220	100830	102890	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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	
# 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