

Engr. Muhammad Moize,ARE

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

Rehman Habib Consult Pvt Ltd.(Govt College of Technology, Vocational Training Institute Multan)

Client Reference: COE/RHC/MLT/24/006

SOM Lab

Ref: 269-270 (Page-1/1)

Dated: 25-11-2024

Dated: 27-11-2024

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	2.582	8	0.983	0.79	0.759	24.18	33.49	67500	70260	93490	97300	1.30	8.0	16.3	Sheikhoo
2	1.525	6	0.755	0.44	0.448	14.37	19.52	72050	70760	97850	96100	1.20	8.0	15.0	Sheikhoo
3	0.657	4	0.496	0.20	0.193	5.52	7.59	60930	63140	83750	86780	1.00	8.0	12.5	Sheikhoo
4	1.500	6	0.749	0.44	0.441	13.88	18.67	69590	69440	93610	93400	1.40	8.0	17.5	Kisaan
5	0.580	4	0.465	0.20	0.170	6.75	8.00	74420	87550	88240	103810	1.10	8.0	13.8	Kisaan
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

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

Asim Mushtaq
GM Factory Master Offisys (Pvt) Ltd. Lahore.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: PEMH05-005

Dated: 26-11-2024

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 271 (Page-1/1)

Dated: 27-11-2024

ASTM-A-615

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	2.645	8	0.995	0.79	0.777	27.17	31.93	75840	77110	89130	90620	1.50	8.0	18.8	
2	2.653	8	0.997	0.79	0.780	27.52	33.20	76840	77820	92690	93880	1.40	8.0	17.5	
3	1.477	6	0.743	0.44	0.434	15.62	18.65	78280	79360	93510	94800	1.10	8.0	13.8	
4	1.479	6	0.744	0.44	0.435	15.72	18.71	78790	79700	93760	94840	1.10	8.0	13.8	
5	1.053	5	0.627	0.31	0.309	10.98	12.71	78110	78360	90440	90730	1.20	8.0	15.0	
6	1.058	5	0.629	0.31	0.311	10.88	12.76	77380	77130	90800	90510	1.40	8.0	17.5	
7	0.673	4	0.502	0.20	0.198	6.78	7.97	74750	75510	87910	88790	1.10	8.0	13.8	
8	0.670	4	0.501	0.20	0.197	7.34	8.43	80940	82170	92960	94380	1.10	8.0	13.8	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

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