

Test Performed by: Dr. S. Asad Ali Gillani

Engr Barkat Leghari,
Structural and Design Engr PMBMC
Punjab Model Bazaars Management Company Lahore
(Construction of Model Bazaar Bhalwal)

Client Reference No.: PMBMC/SE/MBB/01

Dated: 17-02-2025

SOM Lab Ref: CED/SOM/818 (Page-1/2)

Dated: 21-02-2025

Test Type: Hardness Test

Hardness Test Details:

Machine used: Avery Rockwell Hardness Testing Machines
(Minor Load: 10 Kgf Major Load: 140.0 kgf Scale: C)

Hardness Test Results

Sample No.	Sample Type	Hardness avg
1	GI Purlins	HR – 56.83– C

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

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Dated: 17-02-2025

SOM Lab Ref: CED/SOM/818 (Page-2/2)

Dated: 21-02-2025

Test Type: Hardness Test

Sample Type: Steel Columns and rafters

Hardness Test Details:

Machine used: Avery Rockwell Hardness Testing Machines
(Minor Load: 10 Kgf Major Load: 90.0 kgf Scale: B)

Hardness Test Results

Sample No.	Sample Thickness	Hardness avg
1	8mm	HR – 70.5– B
2	6mm	HR – 76.3 B

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

BSD No.2 Multan.(Provision of Correctional Facilities Revamping Program One at Central Jail Multan)

Dr. /Engr. Irfan Ul Hassan

SOM Lab

Ref: 817 (Page-1/1)

21-02-2025

Test Specification:

Deformed Bar

Sample Type:

[illegible]

BEND TEST:

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

Architectural
Construction Group.(Plasco PVC Pipes Industries)

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

Client Reference:	<u>21/2-02025</u>	SOM Lab	
Dated:	21-02-2025	Ref:	819 (Page-1/1)
Test:	Tension Test & Bend Test	Dated:	21-02-2025
Gauge Length:	8 inch	Test Specification:	ASTM-A-615
		Sample Type:	Deformed Bar (Islamabad Supreme)

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	1.365	6	0.715	0.44	0.401	11.16	18.47	55950	61390	92590	101590	1.10	8.0	13.8	
2	0.578	4	0.465	0.20	0.170	4.91	7.00	54180	63740	77230	90850	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															

VD Cision Consult Lahore.(83-E-1 Commercial Building Gulberg Lahore)

Dr. /Engr. Irfan Ul Hassan

SOM Lab

Ref: 820 (Page-1/1)

Test: Tension Test & Bend Test

ASTM-A-615

Sample Type:

Deformed Bar

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# 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