

National Manager Engg & Projects Atlas Honda.(Const Of CKD Shed at Atlas Honda Ltd Skp)

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

Client Reference: AHL/ADMIN&IR/8037/2025

SOM Lab Ref: 1041 (P-1/1)

Dated: 07-04-2025

Dated: 08-04-2025

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.238	20	19.05	314	285	147.50	183.20	470	518	583	643	30.0	200	15.0	
2	1.534	16	15.77	201	195	103.50	135.50	515	530	674	694	32.5	200	16.3	
3	0.884	12	11.98	113	113	60.00	75.20	531	533	665	668	32.5	200	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BEND TEST:</u>															
20mm		Sample bend through 180 degrees Satisfactorily without any crack									Note:- Only Six Samples Received and Tested				
16mm		Sample bend through 180 degrees Satisfactorily without any crack													
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															

Assistant Store Keeper M/S Amanah Noor Residence Wapda Town Lahore.

Dr. /Engr. Wasim Abbas

Dated: 08-04-2025

Ref: 1039 (Page-1/1)

Dated: 08-04-2025

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	2.528	8	0.973	0.79	0.743	26.63	34.63	74330	79040	96670	102790	1.20	8.0	15.0	
2	1.461	6	0.739	0.44	0.429	14.83	18.25	74350	76250	91460	93810	1.00	8.0	12.5	
3	0.655	4	0.494	0.20	0.192	6.73	8.77	74190	77280	96670	100700	0.80	8.0	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BEND TEST:</u>															
--	No Bend test performed										Note:- Only Three Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															