

Ejaz Khan

Test Performed By:

Dr. /Engr.

M Irfan ul Hassan

Resident Engineer, Associates Consultancy Center (Pvt) Ltd. Lahore

Client Reference: THDP/RE/01/443

Dated: 25-10-2019

SOM Lab Ref: CED/SOM/1775(Page-1/1)

Dated: 25-11-2019

Test: Tension and Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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	0.904	12	12.10	113	115	63.50	79.00	561	553	699	687	25.0	200	12.5	
2	0.915	12	12.18	113	116	62.00	78.00	548	533	690	670	25.0	200	12.5	
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BEND TEST:

12mm	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