



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION
PO Box 2388
Sulphur, LA
PO: P0236382-01

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
20	6" XS LR 90° Elbow	JK0196	Hot Formed	V & M STAR																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Co	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.20	1.03	0.009	0.004	0.27	0.12	0.04	0.12	0.010	0.06	0.035	0.003	0.0003	0.000	77,800	39,900	40.10	63.00	147	151	
CE (IWI): 0.420																				
CE (PCM): 0.281																				



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
12	3" XS LR 45° Elbow	A222809	Hot Formed	PLYMOUTH TUBE CO.																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Co	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.21	1.01	0.005	0.015	0.33	0.15	0.06	0.07	0.030	0.06	0.018	0.001	-	0.003	84,500	39,900	24.20	-	181	186	
CE (IWI): 0.424																				



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
12	4" Std LR 90° Elbow	MG0034	Hot Formed	V & M STAR																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Co	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.20	1.02	0.009	0.004	0.24	0.10	0.05	0.12	0.010	0.06	0.028	0.004	0.0001	0.000	82,500	39,900	26.30	-	164	163	
CE (IWI): 0.417																				
CE (PCM): 0.278																				



- We hereby certify that the material meets the following:
- All fittings and flanges meet NACE MR0175/ISO 15156 latest Revision.
 - All fittings and flanges meet NACE MR0103 - Latest Revision.
 - All non high-yield fittings meet the requirements of ASTM A-234 WPB (AND SA-234)
 - All fittings are seamless except as noted.
 - All non-high yield flanges meet the requirements of ASTM A-105 (AND SA-105)
 - Starting Material Seamless Pipe for elbows, tees and reducers.
 - Plate for caps and welded fittings.
 - Bars, Billets or Blooms for flanges and certain caps and tees.
 - Ladle chemistry reported.
 - Copyright © 2021 Weldbend Corp.

Richard Purpura

Richard Purpura
Quality Assurance Department
10/18/2022



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- We hereby certify that the material meets the following:
- ISO 9001:2015 CERTIFIED MANUFACTURER
 - Test Results herein are correct as contained in test records retained by the company in accordance with PED Annex 1, Paragraph 4.3 of 2014/68/EU
 - No Weld Repair Performed. No Lead Content. No Mercury Content.
 - Knowingly making false, fictitious or fraudulent statements on a MTR may result in legal liability.
 - Material has been manufactured/supplied and tested in accordance with the most current version of the Weldbend Quality System Program
 - MTR issued in accordance with EN 10204 paragraph 3.1

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