



CMC STEEL ALABAMA  
101 S 50TH STREET  
BIRMINGHAM AL 35212-3525

**CERTIFIED MILL TEST REPORT**  
For additional copies call  
830-372-8771

We hereby certify that the test results presented here  
are accurate and conform to the reported grade specification

*Marcus W. McCluney*  
Marcus W. McCluney - CMC Steel AL  
Quality Assurance Manager

**1SERIES-BPS**

HEAT NO.: 1075456	S O L D	S H I P T O	Delivery#: 83643452 BOL#: 74454488 CUST PO#: 228795-11 CUST P/N: DLVRY LBS / HEAT: 4896.000 LB DLVRY PCS / HEAT: 72 EA
SECTION: FLAT 1/4x4 20'0" A36/52950	US 70663-5424	US 70663-0000	
GRADE: ASTM A36-19/A529-19 GR 50	3376252300	3376252300	
ROLL DATE: 09/22/2021	3376258509	3376258509	
MELT DATE: 09/16/2021			
Cert. No.: 83643452 / 0754568934			

Characteristic	Value	Characteristic	Value
C	0.13%	Elongation test 1	27%
Mn	0.62%	Elongation Gage Lgth test 1	8IN
P	0.013%	Yield to tensile ratio test1	0.76
S	0.028%	Yield Strength test 2	54.9ksi
Si	0.18%	Tensile Strength test 2	73.1ksi
Cu	0.37%	Elongation test 2	27%
Cr	0.15%	Elongation Gage Lgth test 2	8IN
Ni	0.13%	Yield to tensile ratio test2	0.75
Mo	0.039%		
V	0.005%		
Cb	0.009%		
Sn	0.011%		
B	0.0002%		
Ti	0.001%		
N	0.0089%		
Carbon Eq A6	0.30%		
Carbon Eq A529	0.33%		
Yield Strength test 1	55.1ksi		
Tensile Strength test 1	72.8ksi		

The Following is true of the material represented by this MTR:  
 \*Material is fully killed  
 \*100% melted and rolled in the USA  
 \*EN10204:2004 3.1 compliant  
 \*Contains no weld repair  
 \*Contains no Mercury contamination  
 \*Manufactured in accordance with the latest version of the plant quality manual  
 \*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661  
 \*Warning: This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

REMARKS : ALSO MEETS ASTM GRADE A36 REV 08, A572-50, A709-36, A709-50, A992, AASHTO GRADE M270-36, M270-50, CSA G40.21-04 GRADE 44W, 50W, ASME SA-36 2008A ADDEND A.