



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

CERTIFIED MILL TEST REPORT
For additional copies call
800-637-3227

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.:1087730 SECTION: CHANNEL 5"x9.0# 40"0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr50 ROLL DATE: 08/07/2023 MELT DATE: 07/23/2023 Cert. No.: 85516560 / 087730B899	S O L D T O	555 DOWNING AVE US 66502-6085 7855875182 7855872282	S H I P T O	A750 WMM US 75604-4817 9037591859	Delivery#: 85516560 BOL#: 75513123 CUST PO#: 4500557259 CUST P/N: 25590040 DLVRY LBS / HEAT: 10800.000 LB DLVRY PCS / HEAT: 30 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.15%	Elongation test 1	24%	The Following is true of the material represented by this MTR: *Material is fully killed and is Hot Rolled Steel *100% melted, rolled, and manufactured 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	
Mn	0.67%	Elongation Gage Lgth test 1	8IN		
P	0.011%	Yield to tensile ratio test1	0.72		
S	0.028%	Yield Strength test 2	54.1ksi		
Si	0.15%	Tensile Strength test 2	73.7ksi		
Cu	0.36%	Elongation test 2	26%		
Cr	0.13%	Elongation Gage Lgth test 2	8IN		
Ni	0.13%	Yield to tensile ratio test2	0.73		
Mo	0.034%				
V	0.004%				
Cb	0.009%				
Sn	0.013%				
B	0.0003%				
Ti	0.001%				
N	0.0087%				
Carbon Eq A6	0.33%				
Carbon Eq A529	0.35%				
Yield Strength test 1	53.7ksi				
Tensile Strength test 1	74.1ksi				

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.