

Angol
33117-5



CARTERSVILLE STEEL MILL
384 OLD GRASSDALE RD NE
CARTERSVILLE GA 30121 USA

Chemical and Physical Test Report

Made and Melted in USA

CUSTOMER: SIDERTUL SA DE CV

SHAPE + SIZE	GRADE		SPECIFICATION														SALES ORDER		CUST P.O. NUMBER	
A6 X 4 X 1/2	A36/44/572		ASTM A36-08, ASTM A572 GR50-07, CSA G40.21-04 44W, ASTM A709 GR50-10																	
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Zn	C Eqv		
G113215	.17	1.00	.014	.027	.22	.33	.11	.08	.036	.017	.001	.0005	.0087	.012	.001	.00100	.00250	.42		

Mechanical Test: Yield 53200 PSI, 366.8 MPA Tensile: 75300 PSI, 519.18 MPA %El: 22.9/8in, 22.9/200MM

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 52600 PSI, 362.66 MPA Tensile: 75400 PSI, 519.86 MPA %El: 21.2/8in, 21.2/200MM

Customer Requirements CASTING: STRAND CAST

SHAPE + SIZE	GRADE		SPECIFICATION														SALES ORDER		CUST P.O. NUMBER	
A6 X 4 X 1/2	A36/44/572		ASTM A36-08, ASTM A572 GR50-07, CSA G40.21-04 44W, ASTM A709 GR50-10																	
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Zn	C Eqv		
G113216	.16	1.03	.014	.030	.20	.31	.10	.07	.033	.017	.002	.0005	.0080	.012	.001	.00100	.00350	.42		

Mechanical Test: Yield 54800 PSI, 377.83 MPA Tensile: 75900 PSI, 523.31 MPA %El: 23.0/8in, 23.0/200MM

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 54500 PSI, 375.76 MPA Tensile: 75000 PSI, 517.11 MPA %El: 21.5/8in, 21.5/200MM

Customer Requirements CASTING: STRAND CAST

All manufacturing processes including melt and cast, occurred in USA. MTR complies with EN10204 3.1B

Mhaskar

Bhaskar Yalamanchili
Quality Director
Gerda

THE ABOVE FIGURES ARE CERTIFIED CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

Zambrano

Metallurgical Services Manager
CARTERSVILLE STEEL MILL

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