



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					
C6 X 13.0#		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	Ca	Zn	C Eqv						
G111584	.18	1.05	.014	.026	.21	.29	.09	.07	.025	.017	.001	.0006	.0095	.011	.001	.00100	.00100	.00380	.43						

Mechanical Test: Yield 52300 PSI, 360.6 MPA Tensile: 77400 PSI, 533.65 MPA %El: 23.3/8in, 23.3/200MM

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 52600 PSI, 362.66 MPA Tensile: 77700 PSI, 535.72 MPA %El: 23.9/8in, 23.9/200MM

Customer Requirements CASTING: STRAND CAST

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

Bhaskar Yalamanchili
 Quality Director
 Gerdau

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

Metallurgical Services Manager
 CARTERSVILLE STEEL MILL

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In no event shall seller be liable for indirect, consequential or punitive damages arising out of or related to the materials furnished by seller.

Any claim for damages for materials that do not conform to specifications must be made from buyer to seller immediately after delivery of same in order to allow the seller the opportunity to inspect the material in question.