



**Chemical and Physical Test Report**  
Made and Melted in USA

G-176887

CARTERSVILLE STEEL MILL  
384 OLD GRASSDALE RD NE  
CARTERSVILLE GA 30121 USA  
(770) 387-3300

<b>SHIP TO</b> SIDERTUL SA DE CV C/O EX RENAULT ESTACION HB22 + 835 CIUDAD SAHAGUN, HG	<b>INVOICE TO</b> SIDERTUL SA DE CV RFC# SID930918KR0 AVENIDA PRESIDENTE MASARYK MEXICO CITY, DF 11570	<b>SHIP DATE</b> 06/03/11  <b>CUST. ACCOUNT NO</b> 60638017
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**PRODUCED IN: CARTERSVILLE**

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER															
A6 X 6 X 3/8	A36/529G50	ASTM A36-08, ASTM A572 GR50-07, CSA G40.21-04 44W, ASTM A709 GR50-10	1012868-05	PO23301-05															
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Ca	Zn	C Eqv
G112720	.15	.91	.014	.028	.18	.32	.08	.06	.023	.016	<.008	.0005	.0107	.013	.001	.00100	.00000	.00220	.37

Mechanical Test: Yield 53200 PSI, 366.8 MPA Tensile: 74300 PSI, 512.28 MPA %El: 23.8/8in, 23.8/200MM  
 Customer Requirements CASTING: STRAND CAST  
**Comment** NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.  
 Mechanical Test: Yield 54000 PSI, 372.32 MPA Tensile: 75600 PSI, 521.24 MPA %El: 23.3/8in, 23.3/200MM  
 Customer Requirements CASTING: STRAND CAST  
**Comment** NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.

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SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER														
A6 X 6 X 3/8	A36/529G50	ASTM A36-08, ASTM A572 GR50-07, CSA G40.21-04 44W, ASTM A709 GR50-10	1012868-05	PO23301-05														
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Zn	C Eqv
G112721	.17	.91	.012	.028	.21	.35	.09	.04	.024	.017	<.008	.0006	.0101	.013	.000	.00100	.00360	.4

Mechanical Test: Yield 54800 PSI, 377.83 MPA Tensile: 77100 PSI, 531.59 MPA %El: 23.2/8in, 23.2/200MM  
 Customer Requirements CASTING: STRAND CAST  
**Comment** NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.  
 Mechanical Test: Yield 55800 PSI, 384.73 MPA Tensile: 77300 PSI, 532.96 MPA %El: 22.7/8in, 22.7/200MM  
 Customer Requirements CASTING: STRAND CAST  
**Comment** NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.

**Customer Notes**

NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.  
 All manufacturing processes including melt and cast, occurred in USA. MTR complies with EN10204 3.1B

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

  
 Bhaskar Yalamanchili  
 Quality Director  
 Gerdau Ameristeel

  
 Metallurgical Services Manager  
 CARTERSVILLE STEEL MILL

Seller warrants that all material furnished shall comply with specifications subject to standard published manufacturing variations. NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY THE SELLER, AND SPECIFICALLY EXCLUDED ARE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.  
 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.