



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

Chemical and Physical Test Report  
Made and Melted In USA

G-180202

<b>SHIP TO</b> TRANSPORTE DE GAS ROAN SA/SIDERTUL ZVP 16-603-717 ESCOBEDO, NL	<b>INVOICE TO</b> SIDERTUL SA DE CV RFC# SID930918KRD AVENIDA PRESIDENTE MASARYK MEXICO CITY, DF 11570	<b>SHIP DATE</b> 07/27/11  <b>CUST. ACCOUNT NO</b> 60638017
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**PRODUCED IN: CARTERSVILLE**

SHAPE + SIZE	GRADE			SPECIFICATION																	SALES ORDER	CUST P.O. NUMBER			
W6 X 16#	A57250/992			ASTM A572 GR50-07, ASTM A992 -08A, ASTM A709 GR50-09A																	1049475-03	4500014858-03			
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Ca	Zn	C Eqv						
G110272	.15	.90	.014	.026	.20	.27	.09	.06	.025	.016	.001	.0003	.0071	.010	.000	.00100	.00000	.00330	.38						

Mechanical Test: Yield 52200 PSI, 359.91 MPA Tensile: 76500 PSI, 527.45 MPA %El: 22.2/8in, 22.2/200MM

Customer Requirements CASTING: STRAND CAST

Comment: NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.

Mechanical Test: Yield 55600 PSI, 383.35 MPA Tensile: 75100 PSI, 517.8 MPA %El: 22.0/8in, 22.0/200MM

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			
W6 X 16#	A57250/992			ASTM A572 GR50-07, ASTM A992 -06A, ASTM A709 GR50-09A																	1049475-03	4500014858-03			
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Ca	Zn	C Eqv						
G110274	.16	.88	.014	.028	.21	.28	.08	.05	.025	.015	.001	.0003	.0089	.011	.000	.00200	.00000	.00360	.38						

Mechanical Test: Yield 51600 PSI, 355.77 MPA Tensile: 75200 PSI, 518.49 MPA %El: 22.6/8in, 22.6/200MM

Customer Requirements CASTING: STRAND CAST

Comment: NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.

Mechanical Test: Yield 52500 PSI, 361.97 MPA Tensile: 74600 PSI, 514.35 MPA %El: 22.1/8in, 22.1/200MM

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

*Masaryk*

Bhaskar Yalamanchili  
Quality Director  
Gerdau Ameristeel

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

*Zurbrugg*

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.