

Chemical and Physical Test Report Made and Melted In USA

G-180199

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

SHIP TO TRANSPORTE DE GAS **BOAN SA/SIDERTUL**

難這一個

ZVP 16-603-717 ESCOBEDO, NL **INVOICE TO**

SIDERTUL SA DE CV RFC# SID930918KR0

AVENIDA PRESIDENTE MASARYK

MEXICO CITY, DF 11570

SHIP DATE

07/27/11

CUST. ACCOUNT NO

60638017

PRODUCED IN: CARTERSVILLE

SHAPE + SIZE	GRADI	E	SPECIFICATION										SALES ORDER			CU	CUST P.O. NUMBER								
W6 X 9#		A5725	0/992	ASTM A572 GR50-07, ASTM A992 -06A, ASTM A709 GR50-10												104	1049475-01			4500014858-01					
HEAT I.D.	С	Mn	Р	S	Si	Cu	Ni	Cr	Мо	٧	Nb	В	N	Sn	Ti	Ca	Zn	C Eqv							
G114468	.17	.89	.014	.024	.19	.31	.11	.05	.033	.015	.001	.0005	.0800.	.012	.00100	.00040	.00220	.39							

Mechanical Test:

Yield 58500 PSI, 403.34 MPA Tensile: 79100 PSI, 545.38 MPA %EI: 23.2/8in, 23.2/200MM

Customer Requirements CASTING: STRAND CAST

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

Yield 59300 PSI, 408.86 MPA Tensile: 80400 PSI, 554.34 MPA %EI: 21.5/8in, 21.5/200MM

Customer Requirements CASTING: STRAND CAST

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

PRODUCED IN- CARTERSVILLE

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SHAPE + SIZE		GRAD	E	SPEC	SPECIFICATION														SAL	SALES ORDER			CUST P.O. NUMBER		
W6 X 9#		A57250/992		ASTM	ASTM A572 GR50-07, ASTM A992 -06A, ASTM A709 GR50-10											104	1049475-01			4500014858-01					
HEAT I.D.	C	Mn	Р	S	Sì	Cu	Ni	Cr	Мо	V	Nb	В	N	Sn	A!	Ti	Ca	Zn	C Eqv						
G114469	.17	.90	.015	.030	.24	.33	.10	.06	.031	.015	.002	.0006	.0076	.013	.000	.00100	.00080	.00410	.4						

Mechanical Test:

Yield 57500 PSI, 396.45 MPA Tensile: 79100 PSI, 545.38 MPA %EI: 25.7/8in, 25.7/200MM

Customer Requirements CASTING: STRAND CAST

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

Mechanical Test:

Yield 57200 PSI, 394.38 MPA Tensile: 78700 PSI, 542.62 MPA %EI: 23.0/8in, 23.0/200MM

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

Bhaskar Yalamanchili

Quality Director

Gerdau Ameristeel

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

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.