



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

Chemical and Physical Test Report

Made and Melted in USA

Ship To :
GERDAU CORSA SAPI DE CV
SOPORTE LOGIST. EN DISTRIB.
ZVP 02-715, KMB 1023+507
MONTERREY ,NL 64290

BOL Shippers No : 1323-0000000423
Sales Order No : 273145
Purchase Order No : 450057419

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	Ca	Zn	C Eqv						
G127612	.17	1.04	.009	.018	.20	.27	.10	.05	.030	.018	.001	.0000	.0090	.011	.000	.00100	.00100	.00500	.41						

Mechanical Test: Yield 52200 PSI, 359.91 MPA Tensile: 73600 PSI, 507.45 MPA %El: 24.3/8in, 24.3/200MM

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 53400 PSI, 368.18 MPA Tensile: 74700 PSI, 515.04 MPA %El: 22.7/8in, 22.7/200MM

Customer Requirements CASTING: STRAND CAST

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

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	Ca	Zn	C Eqv						
G127613	.17	1.02	.013	.020	.20	.28	.09	.05	.028	.018	.002	.0000	.0110	.011	.000	.00200	.00800	.00800	.42						

Mechanical Test: Yield 53600 PSI, 369.56 MPA Tensile: 71600 PSI, 493.66 MPA %El: 22.1/8in, 22.1/200MM

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 50400 PSI, 347.5 MPA Tensile: 73700 PSI, 508.14 MPA %El: 21.7/8in, 21.7/200MM

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

Bhaskar Yalamanchili
Quality Director
Gerdau

Zambrano

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.