



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-169905

SHIP TO SIDERTUL SA DE CV C/O EX RENAULT ESTACION HB22 + 835 SAHAGUN, HG		INVOICE TO SIDERTUL SA DE CV RFC# SID930918KR0 AVENIDA PRESIDENTE MASARYK MEXICO CITY, DF 11570		SHIP DATE 02/18/11	
				CUST. ACCOUNT NO 60638017	

PRODUCED IN: CARTERSVILLE

SHAPE + SIZE		GRADE		SPECIFICATION														SALES ORDER		CUST P.O. NUMBER																				
C12 X 25#		A36/572G50		ASTM A36-08, ASTM A572 GR50-07, CSA G40.21-04 44W, ASTM A709 GR50-10														1087067-06		A-00021288-06																				
HEAT ID.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Zn	C Eqv																						
G110857	.09	1.15	.011	.020	.26	.26	.09	.05	.027	.045	.001	.0007	.0079	.009	.000	.00100	.00260	.42																						

Mechanical Test: Yield 58500 PSI, 403.34 MPA Tensile: 74200 PSI, 511.59 MPA %El: 21.6/8in, 21.6/200MM
Customer Requirements CASTING: STRAND CAST
Comment: ALSO MEETS ASTM GRADES A709-36-09A, A709-50-09A TYPE II, M270-36, M270-50 TYPE II NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.
Mechanical Test: Yield 57900 PSI, 399.21 MPA Tensile: 73900 PSI, 509.52 MPA %El: 20.8/8in, 20.8/200MM
Customer Requirements CASTING: STRAND CAST
Comment: ALSO MEETS ASTM GRADES A709-36-09A, A709-50-09A TYPE II, M270-36, M270-50 TYPE II NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.

PRODUCED IN: CARTERSVILLE

SHAPE + SIZE		GRADE		SPECIFICATION														SALES ORDER		CUST P.O. NUMBER																			
C12 X 20.7#		A36/572G50		ASTM A36-08, ASTM A572 GR50-07, CSA G40.21-04 44W, ASTM A709 GR50-10														1087067-05		A-00021288-05																			
HEAT ID.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Ca	Zn	C Eqv																				
G110870	.09	1.16	.008	.025	.28	.26	.09	.04	.024	.037	.002	.0007	.0098	.009	.000	.00100	.00060	.00360	.39																				

Mechanical Test: Yield 53600 PSI, 369.56 MPA Tensile: 67300 PSI, 464.02 MPA %El: 25.2/8in, 25.2/200MM
Customer Requirements CASTING: STRAND CAST
Comment: ALSO MEETS ASTM GRADES A709-36-09A, A709-50-09A TYPE II, M270-36, M270-50 TYPE II NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.
Mechanical Test: Yield 53400 PSI, 368.18 MPA Tensile: 68700 PSI, 473.67 MPA %El: 22.8/8in, 22.8/200MM
Customer Requirements CASTING: STRAND CAST
Comment: ALSO MEETS ASTM GRADES A709-36-09A, A709-50-09A TYPE II, M270-36, M270-50 TYPE II 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.

Masaryk
Bhaskar Yalamanchili
Quality Director
Gerdau Ameristeel

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.