





## Chemical and Physical Test Report

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

Made and Melted In USA

CUSTOMER: GERDAU CORSA S A P I D E CV

SHAPE + SIZE		GRADE		SPECIFICATION															SALES ORDER		CUST P.O. NUMBER	
C12 X 20.7#		A992		ASTM A992-06A																		
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Ca	Zn	C Eqv			
G120912	.09	1.13	.007	.019	.27	.23	.08	.03	.024	.034	.001	.0010	.0100	.020	.000	.00100	.00000	.00100	.38			

Mechanical Test: Yield 55000 PSI, 379.21 MPA Tensile: 71200 PSI, 490.91 MPA %El: 22.2/8in, 22.2/200MM

Customer Requirements **CASTING: STRAND CAST**

Mechanical Test: Yield 54700 PSI, 377.14 MPA Tensile: 71200 PSI, 490.91 MPA %El: 21.1/8in, 21.1/200MM

Customer Requirements **CASTING: STRAND CAST**

SHAPE + SIZE		GRADE		SPECIFICATION															SALES ORDER		CUST P.O. NUMBER	
C12 X 20.7#		A36/57250X		ASTM A36-08, A529GR50-05, A572GR50-07, CSA:G40.21 44W/50W																		
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	Ca	Zn	C Eqv			
G120918	.08	1.14	.008	.016	.28	.25	.07	.03	.023	.033	.001	.0010	.0090	.009	.000	.00100	.00200	.00200	.37			

Mechanical Test: Yield 54900 PSI, 378.52 MPA Tensile: 71600 PSI, 493.66 MPA %El: 22.7/8in, 22.7/200MM

Customer Requirements **CASTING: STRAND CAST**

Mechanical Test: Yield 57300 PSI, 395.07 MPA Tensile: 73100 PSI, 504.01 MPA %El: 23.6/8in, 23.6/200MM

Customer Requirements **CASTING: STRAND CAST**

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

Metallurgical Services Manager  
CARTERSVILLE STEEL MILL

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