



Chemical and Physical Test Report

CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42029 USA

MADE IN UNITED STATES

CUSTOMER: GERDAU CORSA S A P I D E CV

Table with columns: SHAPE + SIZE, GRADE, SPECIFICATION, SALES ORDER, CUST P.O. NUMBER, HEAT I.D., C, Mn, P, S, Si, Cu, Ni, Cr, Mo, V, Nb, Sn, C Eqv. Row 1: A8 X 8 X 3/4, A572-50T2, ASTM A572-50 TYPE 2-07, A709 GR50/345, Y017803, .14, .98, .006, .016, .26, .21, .09, .06, .021, .027, <.008, .010, .388

Mechanical Test: Yield 51000 PSI, 351.63 MPA Tensile: 74000 PSI, 510.21 MPA %El: 23.0/8in, 23.0/203.2mm Corrosion Index: 4.76

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 53000 PSI, 365.42 MPA Tensile: 76000 PSI, 524 MPA %El: 22.0/8in, 22.0/203.2mm Corrosion Index: 4.76

Customer Requirements CASTING: STRAND CAST

Table with columns: SHAPE + SIZE, GRADE, SPECIFICATION, SALES ORDER, CUST P.O. NUMBER, HEAT I.D., C, Mn, P, S, Si, Cu, Ni, Cr, Mo, V, Nb, Sn, C Eqv. Row 1: A8 X 8 X 3/4, A36/44/572, ASTM A36 2008, A709 GR36, A572-50 2007, A709 GR50/345, ASME SA36, Y017804, .16, .96, .005, .017, .28, .19, .08, .06, .021, .028, <.008, .010, .406

Mechanical Test: Yield 54000 PSI, 372.32 MPA Tensile: 77000 PSI, 530.9 MPA %El: 21.0/8in, 21.0/203.2mm

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 53000 PSI, 365.42 MPA Tensile: 74000 PSI, 510.21 MPA %El: 23.0/8in, 23.0/203.2mm

Customer Requirements CASTING: STRAND CAST

This material, including the billets, was melted and manufactured in the United States of America

Handwritten signature: Bhaskar Yalamanchili

Bhaskar Yalamanchili
Quality Director
Gerdau

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

Handwritten signature: Alice L. Pitschke

Alice L. Pitschke
Metallurgical Services Manager
CALVERT CITY 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.



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MADE IN UNITED STATES

CUSTOMER: GERDAU CORSA S A P I DE CV

SHAPE + SIZE	GRADE	SPECIFICATION													SALES ORDER	CUST P.O. NUMBER				
A8 X 8 X 3/4	A572-50T2	ASTM A572-50 TYPE 2-07, A709 GR50/345																		
HEAT I.D.	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Sn	C Eqv							
Y017804	.16	.96	.005	.017	.28	.19	.08	.06	.021	.028	<.008	.010	.406							

Mechanical Test: Yield 54000 PSI, 372.32 MPA Tensile: 77000 PSI, 530.9 MPA %El: 21.0/8in, 21.0/203.2mm Corrosion Index: 4.51

Customer Requirements **CASTING: STRAND CAST**

Mechanical Test: Yield 53000 PSI, 365.42 MPA Tensile: 74000 PSI, 510.21 MPA %El: 23.0/8in, 23.0/203.2mm Corrosion Index: 4.51

Customer Requirements **CASTING: STRAND CAST**

This material, including the billets, was melted and manufactured in the United States of America

Bhaskar Yalamanchili
 Quality Director
 Gerdau

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Metallurgical Services Manager
 CALVERT CITY STEEL MILL

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