

Bill To:  
GERDAU CORSA S A P I DE CV  
M 3 CARRETERA MEXICO-  
D SAHAGUN S/N  
AHAGUN  
3990

Ship To: 2  
GERDAU CORSA S A P I DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER  
LAREDO TX  
78045 US

Order Date:12/19/2011  
PO No:4500090955  
Mill Order No:3975960  
Load No:1422642  
Manifest No:2116982

**CERTIFIED MATERIAL TEST REPORT**

GERDAU AMERISTEEL  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972) 775-8241

PECIFICATIONS      SIZE      GRADE      LENGTH      PRODUCT  
W 21 X 50# / W530 X 74      992/572-50      40 FT / 12.192 M      WF BEAMS  
STM A6-09, A992-06a, A572-07

HEAT NO: 22628660

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.91	.014	.011	.29	.34	.10	.12	.029	.008	.002	.005	.020	.29

PHYSICAL PROPERTIES

<u>Yield Strength</u>		<u>Tensile Strength</u>		<u>Specimen Area</u>		<u>Elongation</u>		<u>Bend Test</u>	<u>ROA</u>
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	%
57.7	397.8	76.1	524.7	0.793	5.12	24.5	8 In 200 mm		
55.6	383.3	74.8	515.7	0.806	5.20	24.3	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.76	1.32	.74	1.34

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. MTR complies with EN 10204 3.1

I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Feb. 02, 2012  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Notary Public (if applicable)

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STM A6-09, A992-06a, A572-07

HEAT NO: 22628670

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.91	.016	.039	.26	.32	.09	.15	.030	.007	.002	.004	.018	.3

PHYSICAL PROPERTIES

<u>Yield Strength</u>		<u>Tensile Strength</u>		<u>Specimen Area</u>		<u>Elongation</u>		<u>Bend Test</u>		<u>ROA</u>
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia.	Result	%
55.3	381.3	73.9	509.5	0.804	5.19	25.8	8 In 200 mm			
54.6	376.5	73.7	508.1	0.801	5.17	25.0	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.75	1.34	.74	1.35

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