

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

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

Order Date:12/19/2011  
PO No:4500090955  
Mill Order No:3975918  
Load No:1429807  
Manifest No:2123360

**CERTIFIED MATERIAL TEST REPORT**

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

SIZE GRADE LENGTH  
W 12 X 26# / W310 X 38.7 992/572-50 40 FT / 12.192 M

PRODUCT  
WF BEAMS

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

HEAT NO: 22632960

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.97	.012	.026	.20	.36	.09	.10	.027	.010	.002	.003	.019	.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	%
58.3	402.0	76.9	530.2	0.553	3.57	23.9	8 In 200 mm		
58.7	404.7	76.4	526.8	0.556	3.59	24.6	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.76	1.32	.77	1.3

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: Mar. 06, 2012  
Tom L. Harrington: Quality Assurance Manager

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

Date: \_\_\_\_\_

Page: 1 of 3

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

SIZE W 12 X 26# / W310 X 38.7 GRADE 992/572-50 LENGTH 40 FT / 12.192 M PRODUCT WF BEAMS  
SPECIFICATIONS  
STM A6-09, A992-06a, A572-07

HEAT NO: 22632970

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.06	.96	.014	.017	.22	.34	.08	.11	.031	.014	.002	.004	.019	.28

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	%
56.2	387.5	74.4	513.0	0.558	3.60	25.1	8 In	200 mm		
57.8	398.5	76.8	529.5	0.551	3.55	26.1	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.76	1.32	.75	1.33

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

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