

Bill To:  
GERDAU CORSA S A P I DE CV  
KM 3 CARRETERA MEXICO-  
CD SAHAGUN S/N  
SAHAGUN  
43990

HG  
MX

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:3975926  
Load No:1425869  
Manifest No:2119675

**CERTIFIED MATERIAL TEST REPORT**  
**GERDAU**  
Petersburg Mill  
25801 Hofheimer Way  
Petersburg, VA 23803  
(804)524-2855



SPECIFICATIONS  
ASTM A6-09, A992-06a, A572-07

SIZE	GRADE	LENGTH	PRODUCT
W 12 X 65# / W310 X 97	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30572740

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.19	.018	.032	.19	.36	.12	.16	.023	.016	.003	.003	.020	.35

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	%
55.6	383.3	74.3	512.3	0.920	5.94	24.9	8 In 200 mm		
56.9	392.3	73.8	508.8	0.940	6.06	23.3	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS  
.75 .77

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. CMTR 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: Wade A. Lumpkins  
Wade Lumpkins: Quality Assurance Manager

Date: Feb. 15, 2012

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

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

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