

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

HG  
MX

Ship To: 1  
GERDAU CORSA S A P I DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER  
LAREDO TX  
78045 US

Order Date:  
PO No:  
Mill Order No:  
SAP Shpmnt No:138608

**CERTIFIED MATERIAL TEST REPORT**



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

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

SIZE: W 16 X 36# / W410 X 53  
GRADE: 992/572-50  
LENGTH: 40 FT / 12.192 M  
PRODUCT: WF BEAMS

HEAT NO: 22630940

<u>CHEMICAL ANALYSIS</u>													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.91	.009	.029	.27	.33	.14	.14	.042	.004	.002	.003	.020	.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	%	
57.3	395.1	74.2	511.6	0.644	4.15	25.2	8 In 200 mm			
58.9	406.1	75.3	519.2	0.608	3.92	24.9	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS  
.77 .78

Remarks

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 -- "M" prefix HT# on shipping doc identifies production before 4/1/2012 conversion to SAP.

"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: Jun. 26, 2012  
Tom L. Harrington: Quality Assurance Manager

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