

**CERTIFIED MATERIAL TEST REPORT**

Bill To:  
GERDAU CORSA S A P I DE CV  
KM 3 CARRETERA MEXICO-  
CD SAHAGUN S/N  
SAHAGUN HG  
43990 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:  
PO No:  
Mill Order No:  
SAP Shpmnt No:95657



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

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

SIZE	GRADE	LENGTH	PRODUCT
W 8 X 40# / W200 X 59	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22635160

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.014	.028	.22	.29	.09	.14	.030	.008	.002	.003	.021	.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		%
53.9	371.6	71.8	495.0	0.770	4.97	24.6	8 In 200 mm			
54.7	377.1	72.2	497.8	0.788	5.08	25.3	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.75	.76

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 added to HT# identifies material produced 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: Apr. 24, 2012  
Tom L. Harrington: Quality Assurance Manager

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