

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:
 PO No:
 Mill Order No:
 SAP Shpmnt No:164112

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 GRADE
 W 6 X 8.5# / W150 X 12.7 992/572-50

LENGTH
 40 FT / 12.192 M

PRODUCT
 WF BEAMS

HEAT NO: 11960840

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.93	.013	.019	.30	.25	.07	.15	.037	.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	%
64.6	445.4	78.4	540.5	0.232	1.50	23.9	8 In 200 mm		
65.0	448.2	79.4	547.4	0.230	1.48	23.5	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS

.82

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: Aug. 02, 2012
 Tom L. Harrington: Quality Assurance Manager

Signed: _____ Date: _____
 Notary Public (if applicable)