

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 Shpmt No:93749

**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	LENGTH	PRODUCT
W 16 X 45# / W410 X 67	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22640060

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.89	.009	.025	.25	.28	.09	.10	.034	.009	.002	.004	.020	.28

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia.	Result	%
54.2	373.7	70.5	486.1	0.850	5.48	25.1	8 In	200 mm		
53.8	370.9	70.3	484.7	0.818	5.28	24.4	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS  
.77

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 Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 1 of 1