

42291

Bill To:  
FORTACERO S.A. DE C.V.  
BLVD CARLOS SALINAS DE GORTAR  
KM 8.8  
APODACA  
66600

Ship To: 6  
FORTACERO  
14701 ATLANTA DR  
LAREDO  
78045

Order Date: 10/10/2011  
PO No: 4500083225  
Mill Order No: 3939958  
Load No: 1403254  
Manifest No: 2097796

CERTIFIED MATERIAL TEST REPORT  
GERDAU AMERISTEEL  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972)775-8241



TM  
US

SIZE: W 4 X 13 1/2 / W100 X 19.3  
GRADE: 992/572-50  
LENGTH: 40 FT / 12.192 M

PRODUCT  
WF BEAMS

SPECIFICATIONS  
ASTM A5-09, A992-06a, A572-07

HEAT NO: 22611770

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.92	.019	.031	.22	.42	.09	.15	.028	.008	.002	.003	.018	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	8 In	200 mm	%
52.6	362.7	70.4	485.4	0.180	1.16	23.9	8 In	200 mm		
53.4	368.2	71.1	490.2	0.182	1.17	24.0	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS  
.75

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: Tom L. Harrington Date: Oct 17, 2011  
Tom L. Harrington, Quality Assurance Manager

Signed: \_\_\_\_\_  
Quality Control (as applicable)

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