

42291

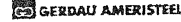
Bill To: FORTACERO S.A. DE C.V.
BLVD CARLOS SALINAS DE GORTAR
KM 8.8
APODACA
66600

Ship To: 6
FORTACERO
14701 ATLANTA DR
LAREDO
78045

TX
US

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)775-6241



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

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

PRODUCT
WF BEAMS

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	Dia.	Result	%
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 Signed: _____ Date: _____
Tom L. Harrington, Quality Assurance Manager