

37003

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

NL
MX

TX
US

Order Date: 01/12/2011
PO No: 4500074942
Mill Order No: 3837274
Load No: 1364467
Manifest No: 2062728

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

SIZE
W 12 X 40# / W310 X 60
SPECIFICATIONS
ASTM A6-09, A992-06a, A572-07

GRADE
992/572-50

LENGTH
40 FT / 12.192 M

PRODUCT
WF BEAMS

CHEMICAL ANALYSIS

HEAT NO: 22585160

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.00	.013	.021	.27	.38	.11	.13	.036	.012	.002	.003	.019	.31

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	%
58.2	401.3	77.1	531.6	0.703	4.54	23.1	8 In 200 mm		
59.7	411.6	78.2	539.2	0.734	4.74	24.0	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.75	1.32	.76	1.31

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: Mar. 25, 2011
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____
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