

35204

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:11/03/2010
PO No:4500072736
Mill Order No:3804257
Load No:1341447
Manifest No:2039131

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



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

SIZE	GRADE	LENGTH	PRODUCT
W 21 X 93# / W530 X 138	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22570370

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.96	.021	.028	.22	.27	.08	.16	.025	.010	.002	.003	.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	%
53.6	369.6	71.4	492.3	1.314	8.48	25.1	8 In 200 mm		
52.0	358.5	70.8	488.1	1.328	8.57	26.2	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.74	.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: Nov. 18, 2010
Tom L. Harrington: Quality Assurance Manager

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