

34530

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:10/04/2010  
PO No:4500071779  
Mill Order No:3792347  
Load No:1333680  
Manifest No:2031785

**CERTIFIED MATERIAL TEST REPORT**

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



SPECIFICATIONS  
ASTM A6-09, A36-08, A572-07, A992-06a  
SIZE: 10 X 20.0 CHANNELS / C 250 X A36/A57250 / 12.192 M  
GRADE: A36/A57250  
PRODUCT: CHANNELS

HEAT NO: 22563690

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.86	.009	.026	.26	.33	.08	.11	.026	.009	.001	.003	.017	.27

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	%
60.0	413.7	78.6	541.9	0.570	3.68	24.1	8 In 200 mm	8 In	200 mm	
58.2	401.3	78.2	539.2	0.550	3.55	23.4	8 In 200 mm	8 In	200 mm	

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. 05, 2010  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Notary Public (if applicable)