

39498

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: 03/15/2011  
PO No: 4500076923  
Mill Order No: 3868488  
Load No: 1382434  
Manifest No: 2081447

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

TX  
US



NL  
MX

SIZE  
W 21 X 50# / W530 X 74

GRADE  
992/572-50

LENGTH  
40 FT / 12.192 M

PRODUCT  
WF BEAMS

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

HEAT NO: 22597670

CHEMICAL ANALYSIS													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.93	.023	.017	.25	.40	.09	.14	.027	.006	.002	.004	.017	.31

Yield Strength	
KSI	MPa
56.5	389.6
56.2	387.5

Tensile Strength	
KSI	MPa
75.5	520.6
75.3	519.2

PHYSICAL PROPERTIES			
Specimen Area		Elongation	
Sq In	Sq cm	%	Gage Length
0.781	5.04	24.0	8 In 200 mm
0.775	5.00	24.9	8 In 200 mm

Bend Test  
Dia. Result      ROA  
%

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.75	1.34	.75	1.34

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: Jul. 08, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Notary Public (if applicable) Page: 1 of 1