

41950

Bill To: FORTACERO S.A. DE C.V.
BLVD CARLOS SALINAS DE GORTAR
KM 8.B
APODACA
66600

Ship To: 6
FORTACERO
14701 ATLANTA DR
LAREDO
78045

Order Date: 09/01/2011
PO No: 4500082280
Mill Order No: 3926080
Load No: 1402020
Manifest No: 2096058

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



SPECIFICATIONS SIZE W 4 X 13# / W100 X 19.3 GRADE 992/572-50 LENGTH 40 FT / 12.192 M PRODUCT WF BEAMS

HEAT NO: 22611710

CHEMICAL ANALYSIS

Table with 13 columns: C, Mn, P, S, Si, Cu, Ni, Cr, Mo, Sn, V, Al, Nb, CE. Values range from 0.07 to 0.3.

PHYSICAL PROPERTIES

Table with 7 columns: Yield Strength (KSI, MPa), Tensile Strength (KSI, MPa), Specimen Area (Sq In, Sq cm), Elongation (%), Gage Length, Bend Test (Dia. Result), ROA (%). Values include 52.5, 362.0, 71.6, 493.7, 0.191, 1.23, 23.8, 8 In, 200 mm.

TENSILE TEST RATIOS

Table with 4 columns: YLD/TENS, TENS/YLD, TENS/YLD, TENS/YLD. Values: .73, 1.36, .74, 1.36.

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: Quality Assurance Manager Date: Oct. 04, 2011 Signed: Notary Public (if applicable) Date: Page: 1 of 1