

Bill To:
GERDAU CORSA S A P I DE CV
KM 3 CARRETERA MEXICO-
CD SAHAGUN S/N
SAHAGUN HG
43990 MX

Ship To: 2
GERDAU CORSA S A P I DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date: 12/19/2011
PO No: 4500090955
Mill Order No: 3975932
Load No: 1434549
Manifest No: 2127005

CERTIFIED MATERIAL TEST REPORT



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

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

SIZE: W 8 X 15# / W200 X 22.5
GRADE: 992/572-50
LENGTH: 40 FT / 12.192 M

PRODUCT
WF BEAMS

HEAT NO: 22638740

CHEMICAL ANALYSIS

| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| .08 | .86 | .011 | .032 | .23 | .30 | .12 | .09 | .040 | .008 | .002 | .003 | .017 | .28 |

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 | % |
| 58.9 | 406.1 | 75.0 | 517.1 | 0.392 | 2.53 | 26.5 | 8 In 200 mm | | |
| 59.2 | 408.2 | 75.9 | 523.3 | 0.389 | 2.51 | 25.2 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS

.78

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. 21, 2012
Tom L. Harrington: Quality Assurance Manager

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