

39936

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: 03/15/2011
PO No: 4500076923
Mill Order No: 3868471
Load No: 1390273
Manifest No: 2084930

CERTIFIED MATERIAL TEST REPORT
GERDAU AMERISTEEL
Midlothian Mill
300 Ward Road
Midlothian, TX 76065

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

SIZE	GRADE	LENGTH	PRODUCT
W 16 X 26# / W410 X 38.8	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22600770

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.83	.010	.036	.23	.28	.08	.09	.029	.006	.001	.003	.018	.26

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	%
58.2	401.3	71.8	495.0	0.360	2.32	24.6	8 In 200 mm		
59.8	412.3	73.7	508.1	0.351	2.26	24.7	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.81	1.23	.81	1.23

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 spe

Signed: Tom L. Harrington Date: Jul. 27, 2011
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____
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