

Bill To:
ACEROMEX GRUPO INDUSTRIAL SA
CONSTITUYENTE DE NUEVOLEON 10
COL. LINDA VISTA
GUADALUPE
CP 67130

Ship To: 2
ACEROMEX GRUPO INDUSTRIAL
C/O CROSS BORDER LOGISTICS, I
14214 DISTRIBUTION AVE
LAREDO TX
78045 US

Order Date:04/09/2010
PO No:04082010
Mill Order No:3723389
Load No:1310700
Manifest No:2010190

CERTIFIED MATERIAL TEST REPORT



GERDAU AMERISTEEL
Petersburg Mill
25801 Hofheimer Way
Petersburg, VA 23803

SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

SIZE	GRADE	LENGTH	PRODUCT
W 24 X 162# / W610 X 241	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30493150

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.14	.017	.037	.22	.29	.09	.12	.015	.016	.000	.001	.016	.32

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	%
52.1	359.2	70.3	484.7	1.752	11.30	28.1	8 In 200 mm		
51.4	354.4	70.9	488.8	1.711	11.04	26.9	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.74	1.35	.73	1.38

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: Jun. 09, 2010
Tom L. Harrington: Quality Assurance Manager

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

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SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

SIZE	GRADE	LENGTH	PRODUCT
W 24 X 162# / W610 X 241	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30493160

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.10	1.13	.015	.035	.22	.30	.09	.12	.014	.014	.000	.001	.016	.34

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	%
51.9	357.8	71.5	493.0	1.746	11.26	26.9	8 In 200 mm		
51.0	351.6	71.2	490.9	1.741	11.23	27.8	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.73	1.38	.72	1.39

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SIZE	GRADE	LENGTH	PRODUCT
W 24 X 162# / W610 X 241	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30493290

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.15	.010	.033	.22	.29	.10	.11	.013	.013	.002	.004	.015	.33

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	%
50.7	349.6	70.1	483.3	1.758	11.34	26.4	8 In 200 mm		
50.6	348.9	69.8	481.3	1.769	11.41	27.1	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.72	1.38	.72	1.38

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