

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

Ship To: 3  
ACEROMEX GRUPO INDUSTRIAL SA  
EL INDIO HWY Y MEMO ROBINSON  
EAGLE PASS TX  
78852 US

Order Date:02/23/2011  
PO No:4500047896  
Mill Order No:3861378  
Load No:1379075  
Manifest No:2074936

**CERTIFIED MATERIAL TEST REPORT**  
**GERDAU AMERISTEEL**  
Petersburg Mill  
25801 Hofheimer Way  
Petersburg, VA 23803  
(804)524-2855



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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 109# / W360 X 162	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30537150

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.21	.013	.032	.21	.30	.09	.12	.015	.012	.003	.003	.019	.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	%
52.5	362.0	72.3	498.5	1.246	8.04	25.6	8 In 200 mm		
51.7	356.5	70.9	488.8	1.260	8.13	25.3	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS

.73

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: Jun. 03, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Notary Public (if applicable)

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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 109# / W360 X 162	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30537240

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.10	.013	.030	.23	.28	.10	.12	.016	.015	.001	.003	.017	.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	%
52.9	364.7	70.8	488.1	1.290	8.32	25.0	8 In	200 mm		
51.5	355.1	70.2	484.0	1.251	8.07	26.1	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.73	.75

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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 109# / W360 X 162	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30537250

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.07	.012	.029	.21	.28	.10	.12	.016	.017	.001	.003	.015	.3

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	%
51.5	355.1	68.4	471.6	1.269	8.19	26.8	8 In 200 mm			
50.8	350.3	67.8	467.5	1.272	8.21	27.4	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS

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