

Bill To:
PLESA ANAHUAC Y CIAS SA DE CV
AV VALLE DE LAS ALAMEDAS
NO 66-0 COL SAN FRANCISCO
MEXICO CITY/DEL. TUL: DF
54940 MX

Ship To: 1
PLESA ANAHUAC Y CIAS SA DE CV
302 QUIVIRA DR
PAN AMERICAN BUSINESS PARK
LAREDO TX
78045 US

Order Date: 08/13/2009
PO No: 6858
Mill Order No: 3637229
Load No: 1272826
Manifest No: 1974914

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

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

SIZE	GRADE	LENGTH	PRODUCT
W 27 X 102# / W690 X 152	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30469470

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.15	.020	.035	.24	.34	.09	.11	.015	.015	.002	.002	.021	.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	%	
58.1	400.6	72.6	500.6	1.135	7.32	27.3	8 In 200 mm			
57.3	395.1	72.7	501.2	1.126	7.26	29.3	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.79 .8

8

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: Oct. 14, 2009
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____
Page: 1 of 3

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

SIZE	GRADE	LENGTH	PRODUCT
W 27 X 102# / W690 X 152	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30469530

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.17	.017	.040	.26	.33	.13	.13	.022	.015	.003	.003	.019	.35

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	%
60.4	416.4	74.7	515.0	1.068	6.89	27.5	8 In 200 mm			
59.6	410.9	74.7	515.0	1.052	6.79	27.8	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.8	.81

8

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SIZE	GRADE	LENGTH	PRODUCT
W 27 X 102# / W690 X 152	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30469540

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.17	.018	.035	.25	.32	.12	.14	.022	.015	.004	.003	.020	.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	%
57.7	397.8	73.6	507.5	1.211	7.81	27.9	8 In 200 mm			
55.7	384.0	71.5	493.0	1.242	8.01	27.9	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS

.78

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