

Bill To:
SIDERTUL SA DE CV
RFC# SID930918KRO
AVENIDA PRESIDENTE MASARYK
MEXICO CITY DF
11570 MX

Ship To: 1
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date:03/09/2011
PO No:4500000579
Mill Order No:3866809
Load No:1401974
Manifest No:2098429

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

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

SIZE	GRADE	LENGTH	PRODUCT
W 21 X 101# / W530 X 150	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30550590

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.16	.011	.028	.23	.28	.13	.12	.021	.014	.001	.002	.016	.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	%
53.6	369.6	70.3	484.7	1.223	7.89	28.3	8 In 200 mm		
52.2	359.9	69.1	476.4	1.056	6.81	25.9	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.76	1.31	.76	1.32

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. 21, 2011
Tom L. Harrington: Quality Assurance Manager

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

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GERDAU AMERISTEEL 25801 Hofheimer Way
Petersburg, VA 23803
(804)524-2855

SPECIFICATIONS SIZE GRADE LENGTH PRODUCT
ASTM A6-09, A992-06a, A572-07 W 21 X 101# / W530 X 150 992/572-50 40 FT / 12.192 M WF BEAMS

HEAT NO: 30550600

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.14	.011	.026	.24	.28	.12	.12	.022	.013	.001	.002	.016	.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	%
52.2	359.9	70.2	484.0	1.218	7.86	26.8	8 In 200 mm		
53.7	370.2	69.5	479.2	1.055	6.81	27.3	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.74	1.35	.77	1.3

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Petersburg Mill
25801 Hofheimer Way
Petersburg, VA 23803
(804)524-2855

SPECIFICATIONS SIZE GRADE LENGTH PRODUCT
ASTM A6-09, A992-06a, A572-07 W 21 X 101# / W530 X 150 992/572-50 40 FT / 12.192 M WF BEAMS

HEAT NO: 30550640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.12	.014	.034	.27	.30	.11	.13	.022	.013	.003	.000	.017	.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	%
55.1	379.9	72.7	501.2	1.164	7.51	29.4	8 In 200 mm		
53.9	371.6	72.4	499.2	1.371	8.85	27.1	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.76	1.32	.74	1.34

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