

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:10/04/2011
 PO No:4500012651
 Mill Order No:3938103
 Load No:1403015
 Manifest No:2097181

CERTIFIED MATERIAL TEST REPORT



GERDAU AMERISTEEL

GERDAU AMERISTEEL
 Midlothian Mill
 300 Ward Road
 Midlothian, TX 76065
 (972) 775-8241

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

SIZE	GRADE	LENGTH	PRODUCT
W 10 X 30# / W250 X 44.8	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 11937560

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.10	.87	.012	.017	.22	.40	.08	.14	.038	.005	.002	.003	.017	.31

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	%
55.6	383.3	72.7	501.2	0.455	2.94	24.1	8 In 200 mm			
55.8	384.7	72.8	501.9	0.454	2.93	25.1	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.77	1.31	.77	1.3

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. 12, 2011
 Tom L. Harrington: Quality Assurance Manager

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

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SPECIFICATIONS SIZE GRADE LENGTH PRODUCT
 ASTM A6-09, A992-06a, A572-07 W 10 X 30# / W250 X 44.8 992/572-50 40 FT / 12.192 M WF BEAMS

HEAT NO: 22606360

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.06	.95	.022	.025	.26	.37	.09	.14	.028	.012	.002	.004	.020	.28

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	%
55.0	379.2	73.4	506.1	0.469	3.03	24.5	8 In	200 mm		
55.1	379.9	73.7	508.1	0.475	3.06	24.9	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.75	1.33	.75	1.34

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