

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

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

Order Date:10/20/2010  
PO No:20304  
Mill Order No:3798363  
Load No:1346903  
Manifest No:2045234

**CERTIFIED MATERIAL TEST REPORT**  
**GERDAU AMERISTEEL**  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972) 775-8241



SPECIFICATIONS  
ASTM A6-09, A992-06a, A572-07  
HEAT NO: 22566100

SIZE	GRADE	LENGTH	PRODUCT
W 18 X 65# / W460 X 97	992/572-50	40 FT / 12.192 M	WF BEAMS

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.92	.010	.025	.27	.38	.09	.09	.027	.013	.001	.003	.022	.29

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		%
54.4	375.1	72.3	498.5	1.025	6.61	25.8	8 In 200 mm			
56.0	386.1	73.8	508.8	1.032	6.66	24.3	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS  
.75 .76

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: Dec. 28, 2010  
Tom L. Harrington: Quality Assurance Manager

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

Date: \_\_\_\_\_  
Page: 1 of 3

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

SIZE  
W 18 X 65# / W460 X 97

GRADE  
992/572-50

LENGTH  
40 FT / 12.192 M

PRODUCT  
WF BEAMS

HEAT NO: 22566140

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.06	.95	.009	.026	.25	.39	.10	.10	.028	.012	.001	.003	.024	.28

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia.	Result	%
56.1	386.8	72.7	501.2	1.033	6.66	24.7	8 In 200 mm			
55.6	383.3	72.2	497.8	1.027	6.63	24.6	8 In 200 mm			
							8 In 200 mm			
							8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS

.77

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