

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:02/18/2011  
PO No:4500000574  
Mill Order No:3860078  
Load No:1385528  
Manifest No:2081625

**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

SIZE	GRADE	LENGTH	PRODUCT
W 24 X 76# / W610 X 113	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22596230

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.95	.026	.036	.29	.42	.09	.18	.029	.010	.002	.003	.022	.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	%
58.4	402.7	76.4	526.8	0.984	6.35	24.8	8 In 200 mm			
58.4	402.7	76.1	524.7	0.971	6.26	25.3	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS  
.76 .77

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: Jul. 08, 2011  
Tom L. Harrington: Quality Assurance Manager

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

Date: \_\_\_\_\_

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**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 24 X 76# / W610 X 113	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22596240

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.90	.026	.032	.29	.42	.09	.16	.029	.010	.002	.003	.018	.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	%
57.0	393.0	74.4	513.0	0.987	6.37	25.2	8 In 200 mm		
57.2	394.4	74.9	516.4	0.974	6.28	25.5	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.76	.77

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

SIZE	GRADE	LENGTH	PRODUCT
W 24 X 76# / W610 X 113	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22596300

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.98	.029	.034	.26	.36	.09	.16	.030	.010	.002	.003	.021	.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	%
57.3	395.1	74.6	514.3	0.956	6.17	24.1	8 In 200 mm		
58.2	401.3	76.5	527.4	0.979	6.32	25.2	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS  
.76 .77

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

SIZE	GRADE	LENGTH	PRODUCT
W 24 X 76# / W610 X 113	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22596310

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.95	.032	.024	.24	.34	.09	.16	.029	.009	.002	.004	.019	.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	%
57.1	393.7	74.8	515.7	0.952	6.14	24.6	8 In 200 mm		
57.5	396.4	75.2	518.5	0.993	6.41	25.2	8 In 200 mm		

TENSILE TEST RATIOS

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