

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

Ship To: 5
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date:02/03/2011
PO No:4500000570
Mill Order No:3855532
Load No:1375031
Manifest No:2071357

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 16 X 45# / W410 X 67	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22590990

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.011	.021	.21	.36	.09	.12	.029	.018	.002	.002	.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	%
55.4	382.0	71.6	493.7	0.806	5.20	24.9	8 In 200 mm		
55.3	381.3	71.3	491.6	0.799	5.15	25.5	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.77 .78

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

Signed: _____
Notary Public (if applicable)

Date: _____

Page: 1 of 2

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

SIZE	GRADE	LENGTH	PRODUCT
W 16 X 45# / W410 X 67	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22591010

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.06	.91	.014	.015	.24	.37	.09	.14	.029	.011	.002	.003	.018	.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	%
56.4	388.9	72.1	497.1	0.776	5.01	25.5	8 In 200 mm		
55.9	385.4	71.7	494.4	0.780	5.03	25.9	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS

.78

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