

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

Ship To 7
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date:07/22/2011
PO No:4500000574
Mill Order No3912893
Load No:1389984
Manifest No:2085718

CERTIFIED MATERIAL TEST REPORT
GERDAU AMERISTEEL
Midlothian Mill
300 Ward Road
Midlothian, TX
76065



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

SIZE	GRADE	LENGTH	PRODUCT
W 16 X 31# / W410 X 46.1	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22600580

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.86	.012	.025	.25	.35	.09	.11	.029	.010	.002	.004	.017	.27

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	%
58.7	404.7	72.6	500.6	0.415	2.68	25.2	8 In	200 mm		
58.1	400.6	72.4	499.2	0.422	2.72	24.5	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.8	.81

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 mater

Signed: Tom L. Harrington Date: Aug. 01, 2011 Signed: _____ Date: _____
Tom L. Harrington: Quality Assurance Manage Notary Public (if applicable) Page: 4 of 6