

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:10/20/2010
PO No:20304
Mill Order No:3798350
Load No:1352027
Manifest No:2049507

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: 22573520

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.85	.014	.042	.26	.35	.14	.15	.039	.012	.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	%
56.1	386.8	73.8	508.8	0.778	5.02	24.7	8 In	200 mm		
55.9	385.4	73.9	509.5	0.791	5.10	25.5	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS
.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: Jan. 19, 2011 Signed: _____ Date: _____
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 1 of 3

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

HEAT NO: 2257310M

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.91	.014	.025	.22	.36	.11	.11	.032	.014	.002	.004	.024	.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	%
58.2	401.3	74.8	515.7	0.771	4.97	23.9	8 In 200 mm		
56.2	387.5	73.5	506.8	0.796	5.14	23.9	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
 .76 .78

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

SIZE
W 16 X 45# / W410 X 67

GRADE
992/572-50

LENGTH
40 FT / 12.192 M

PRODUCT
WF BEAMS

HEAT NO: 2256513M

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.88	.013	.027	.24	.36	.11	.13	.029	.028	.001	.003	.017	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	%
58.2	401.3	77.4	533.7	0.746	4.81	25.2	8 In 200 mm		
57.2	394.4	77.1	531.6	0.741	4.78	24.5	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.74 .75

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