

Bill To:
ACEROMEX GRUPO INDUSTRIAL SA
CONSTITUYENTES DE NUEVO LEON
103 NTE COL. LINDA VISTA
GUADALUPE NL
CP 67130 MX

Ship To: 3
ACEROMEX GRUPO INDUSTRIAL SA
EL INDIO HWY Y MEMO ROBINSON Mill Order No:3943403
EAGLE PASS TX
78852 US

Order Date:10/17/2011
PO No:4500057341
Load No:1417004
Manifest No:2111873

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



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

SIZE	W 21 X 57# / W530 X 85	GRADE	992/572-50	LENGTH	40 FT / 12.192 M	PRODUCT	WF BEAMS
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HEAT NO: 11946740

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.96	.016	.036	.25	.29	.08	.12	.032	.005	.002	.003	.020	.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	%
53.3	367.5	69.4	478.5	0.967	6.24	26.1	8 In 200 mm			
53.6	369.6	69.0	475.7	0.939	6.06	26.2	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: Jan. 06, 2012
Tom L. Harrington: Quality Assurance Manager

Signed: _____ Date: _____
Notary Public (if applicable)

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

SIZE	W 21 X 57# / W530 X 85	GRADE	992/572-50	LENGTH	40 FT / 12.192 M	PRODUCT	WF BEAMS
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HEAT NO: 11946750

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.98	.015	.026	.26	.28	.07	.12	.031	.006	.002	.003	.021	.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	%
54.9	378.5	69.4	478.5	0.933	6.02	23.4	8 In 200 mm			
54.1	373.0	70.4	485.4	0.952	6.14	25.0	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	YLD/TENS
.77	.79

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

SIZE	GRADE	LENGTH	PRODUCT
W 21 X 57# / W530 X 85	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 11946760

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.94	.013	.023	.23	.28	.08	.11	.034	.006	.002	.003	.020	.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	%
54.7	377.1	70.9	488.8	0.967	6.24	25.8	8 In 200 mm			
56.0	386.1	71.4	492.3	0.925	5.97	25.6	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS

.77 .78

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