CERTIFIED MATERIAL TEST REPORT Order Date:04/04/2011 Bill To: Ship To: 1 GERDAU AMERISTEEL PO No:4500000568 SIDERTUL SA DE CV SIDERTUL SA DE CV Midlothian Mill Mill Order No:3875694 RFC# SID930918KR0 402 GRAND CENTRAL BLVD GERDAU AMERISTEEL 300 Ward Road Load No:1376015 AVENIDA PRESIDENTE MASARYK MILO DISTRIBUTION CENTER Manifest No:2072124 Midlothian, TX 76065 LAREDO TX $\mathbf{DF}$ MEXICO CITY US MX 78045 11570 (972)775-8241 GRADE LENGTH PRODUCT SIZE 992/572-50 W 10 X 12# / W250 X 17.9 40 FT / 12.192 M WF BEAMS SPECIFICATIONS ASTM A6-09, A992-06a, A572-07

HEAT NO: 22589830						CHEMICAL ANALYSIS								
	С	Mn	P	s	Si	Cu	Ni	Cr	Mo	Sn	v	Al	Nb	CE
	. 0.9	. 94	.018	.026	.30	.31	.09	.13	.027	.013	.002	.003	.018	.31

## PHYSICAL PROPERTIES

Yield Str	ength	<u> Tensile</u>	<u>Strength</u>	Specime	n Area	<u>Elongation</u>			Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	왕	Gage Ler	ıgt <b>h</b>	Dia. Result	જ
64.2	442.6	78.7	542.6	0.263	1.70	23.3	8 In	200 mm		
62.9	433.7	78.0	537.8	0.267	1.72	24.3	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS TENS/YLD YLD/TENS TENS/YLD

.82 1.23 .81 1.24

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."

Tom L. Harrington: Quality Assurance Manager Signed: Date: Notary Public (if applicable) Page:

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