

canon-0-0-2682g

**CERTIFIED MATERIAL TEST REPORT**

Bill To:  
IDERTUL SA DE CV  
FC# SID930918KRO  
VENIDA PRESIDENTE MASARYK  
MEXICO CITY DF  
1570 MX

Ship To: 1  
SIDERTUL SA DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER  
LAREDO TX  
78045 US

Order Date: 10/21/2010  
PO No: 20304  
Mill Order No: 3798644  
Load No: 1361539  
Manifest No: 2058668

GERDAU AMERISTEEL  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972) 775-8241

SIZE: 10 X 15.3 CHANNELS / C 250 X A36/A57250  
GRADE: A36/A57250  
LENGTH: 40 FT / 12.192 M  
PRODUCT: CHANNELS  
SPECIFICATIONS: STM A6-09, A36-08, A572-07, A992-06a

CHEMICAL ANALYSIS

HEAT NO: 11915850

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.98	.015	.031	.23	.28	.09	.09	.031	.010	.002	.003	.022	.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	%
62.1	428.2	78.1	538.5	0.343	2.21	24.6	.8 In 200 mm		
59.8	412.3	78.5	541.2	0.348	2.25	23.4	8 In 200 mm		

Remarks

Portions of this heat were incorrectly stenciled as 22484240. Die Stamped with the correct heat number have been applied to each affected bar.

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: Mar. 08, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_  
Notary Public (if applicable)

Date: \_\_\_\_\_  
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