

**CERTIFIED MATERIAL TEST REPORT**

300 Ward Rd.  
Midlothian, TX  
76065-9651  
(972) 775-8241



Order Date: 07/12/2004  
PO No: 0712  
Mill Order No: 2792176  
Load No: 903555  
Manifest No: 1629106

Ship To: 1  
FERRECBASA SA DE CV  
12018 AUBURN RD.  
LAREDO  
78045

Bill To:  
FERRECBASA SA DE CV  
217 HOLBEIN DESP. 404  
COL. NOCHE BUENA  
MEXICO CITY  
03720

DF  
MX

PRODUCT  
WF BEAMS

GRADE 992/572-50  
LENGTH 40 FT

2792176

SIZE  
W 21 X 57#

**SPECIFICATIONS**

ASTM A6-02, A992-02, A572-01

**CHEMICAL ANALYSIS**

C	.08	Mn	.92	P	.009	S	.024	Si	.19	Cu	.36	Ni	.11	Cr	.10	Mo	.030	Sn	.009	V	.001	Al	.004	Nb	.014	CE	.29
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**PHYSICAL PROPERTIES**

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	
KSI	MPa	KSI	MPa	Sq In	Sq Cm	%	Gage Length	Dia.	Result
54.1	373.0	72.1	497.1	0.957	6.17	25.6	8 In	8 In	200 mm
53.8	370.9	71.9	495.7	0.982	6.34	26.7	8 In	8 In	200 mm

FERRECBASA VENTAS

56151700-206

01/26/2005 12:47

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A.

"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*  
Tom L. Harrington: Quality Assurance

Date: Sep. 20, 2004  
Signed: Notary P ic (if applicable)

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