

**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  
C3720

DF  
MX

PRODUCT  
WF BEAMS

279176-2  
LENGTH  
40 FT

GRADE  
992/572-50

SIZE  
W 21 X 57#

**SPECIFICATIONS**

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

HEAT NO: 22248030

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.89	.009	.011	.23	.25	.09	.10	.032	.008	.001	.005	.014	.29

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Elongation		Bend Test	
KSI	MPa	KSI	MPa	%	Gage Length	Dia. Result	%
53.2	366.8	70.7	487.5	24.7	8 In	200 mm	
54.8	377.8	72.0	496.4	24.1	8 In	200 mm	

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 Date: Sep. 20, 2004 Signed: Notary P Date: \_\_\_\_\_  
 Tom L. Harrington: Quality Assurance Ic (if applicable) Page: 1 of 3