

**CERTIFIED MATERIAL TEST REPORT**

300 Ward Rd.  
Midlothian, TX  
75065-9651  
(972) 775-8241



PRODUCT  
WF BEAMS

Order Date: 07/12/2004

PO No: 0712  
Mill Order No: 2792176  
Load No: 303555  
Manifest No: 1629106

279176-1  
LENGTH  
40 FT

Ship To: 1  
FERRECABSA SA DE CV  
1701R AUBURN RD.  
LAREDO  
78045

DF  
MX

Bill To:  
FERRECABSA SA DE CV  
217 HOLBEIN DEST. 104  
COL. NOCHE BUENA  
MEXICO CITY  
03720

GRADE  
992/572-50

SIZE  
W 21 X 57#

**SPECIFICATIONS**

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

HEAT NO: 22248800

C .12  
Mn .89  
P .008  
S .041

**CHEMICAL ANALYSIS**

Cr .08  
Mo .029  
Ni .10  
Cu .30  
Si .23  
V .001  
Al .004  
Nb .014  
CE .32

**PHYSICAL PROPERTIES**

Specimen	Area	Elongation	
		%	Gage Length
Sq In	Sq Cm		
0.979	6.32	28.3	8 In 200 mm
0.960	6.19	26.5	8 In 200 mm

Tensile Strength	
KSI	MPa
72.6	500.6
71.9	495.7

Yield Strength	
KSI	MPa
53.9	371.6
52.3	360.6

Bend Test  
Dia. Result  
ROA %

FERRECABSA 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: Date: Sep. 20, 2004 Signed: Notary Public (if applicable) Date: \_\_\_\_\_