



# GFRDAU

US-ML-MIDLOTHIAN  
 300 WARD ROAD  
 MIDLOTHIAN, TX 76065  
 USA

### CERTIFIED MATERIAL TEST REPORT

S.7056 Page 1/1

CUSTOMER SHIP TO FORTACERO SA DE CV 14701 ATLANTA DRIVE LAREDO, TX 78045-7976 USA		CUSTOMER BILL TO FORTACERO SA DE CV BLVD CARLOS SALINAS DE GOTIARI APODACA, NL 66600 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 24 X 68# / 610 X 101	
SALES ORDER 614082/000180		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 16,320 LB	HEAT / BATCH 59058548/04
CUSTOMER PURCHASE ORDER NUMBER 4500105846			BILL OF LADING 1327-0000084712	DATE 06.12.2013	SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11	

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.08	0.87	0.012	0.031	0.18	0.33	0.14	0.18	0.026	0.009	0.002	0.021	0.002

CHEMICAL COMPOSITION	
CE <sub>eq</sub> A6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L inch	G/L mm	
56.4	70.4	394	491	8.000	200.0	
57.1	71.3	389	486	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio
24.30	0.801
24.70	0.801

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

*Bhaskar*

BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

*Tom Harrington*

TOM HARRINGTON  
 QUALITY ASSURANCE MGR.