



**GERDAU**

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

**CERTIFIED MATERIAL TEST REPORT**

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 / 4 X 13# / 100 X 19.3	
SALES ORDER 757160/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 43,160 LB	HEAT / BATCH 59060413/02
CUSTOMER PURCHASE ORDER NUMBER 4500109389		BILL OF LADING 1327-0000100546	DATE 07.04.2014	SPECIFICATION / DATE of REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Cr %	Mo %	Sp %	V %	Nb %	Al %
0.07	0.83	0.012	0.031	0.25	0.31	0.11	0.14	0.024	0.007	0.001	0.010	0.003

CHEMICAL COMPOSITION												
CEqYA6												
0.3												

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
52.7	70.9	364	489	8.000	200.0	
54.5	69.4	376	478	8.000	200.0	

MECHANICAL PROPERTIES	
Elong.	Y/T ratio
23.70	0.743
22.50	0.785

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billers, 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.