



**GERDAU**

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

CERTIFIED MATERIAL TEST REPORT

56407

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 / 10 X 33# / 250 X 49.1
SALES ORDER 543918/000120		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 6,600 LB
CUSTOMER PURCHASE ORDER NUMBER 4500104042		BILL OF LADING 1327-0000080393		DATE 01.11.2013	
SPECIFICATION / DATE of 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 %
0.07	0.88	0.008	0.020	0.28	0.33	0.12	0.15	0.039	0.009	0.002	0.022	0.004

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
56.1	70.9	380	492	8.000	200.0	
55.1	71.3	387	489	8.000	200.0	

MECHANICAL PROPERTIES		
Elong. %	Y/T rai %	
25.20	0.777	
26.00	0.787	

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*  
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QUALITY ASSURANCE MGR.