

CERTIFIED MATERIAL TEST REPORT



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

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 8,160 LB	HEAT / BATCH 59058539/05 ✓
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 %	Cr %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.10	0.92	0.025	0.032	0.21	0.35	0.16	0.21	0.035	0.011	0.002	0.020	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	
55.4	73.5	380	501	8.000	200.0	
55.1	72.6	382	507	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
25.00	0.759
23.80	0.754

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.