

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO SOPORTE LOGISTICO EN DISTRIBUCION 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 4 X 13# / 100 X 19.3	
SALES ORDER 330806/000590		LENGTH 40'00"	WEIGHT 70,200 LB	HEAT / BATCH 58013254/02		
CUSTOMER PURCHASE ORDER NUMBER 4500629066		BILL OF LADING 1327-0000050362	DATE 10.04.2013	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 %
0.09	0.87	0.016	0.030	0.21	0.32	0.09	0.14	0.027	0.011	0.002	0.017	0.003

CHEMICAL COMPOSITION
CEqvA6 %
0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
54.9	70.9	360	491	8.000	200.0	
52.2	71.2	379	489	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
20.90	0.733
22.10	0.774

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. We certify that these data are correct and in compliance with specified requirements. CMTR complies with EN 10204 3.1.

Manaskar
 MANASKAR YALAMANCHIL
 QUALITY DIRECTOR

Tom Harrington
 TOM HARRINGTON
 QUALITY ASSURANCE MGR.