



CERTIFIED MATERIAL TEST REPORT

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

CUSTOMER SHIP TO GERDAU CORSA S A P I D E CV 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I D E CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 16 X 31# / 410 X 46.1
SALES ORDER 551294/000260		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 17,360 LB
CUSTOMER PURCHASE ORDER NUMBER 4501148829		BILL OF LADING 1327-0000081556		DATE 12.11.2013	
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	0.85	0.009	0.024	0.22	0.34	0.11	0.12	0.024	0.009	0.002	0.021	0.003

CHEMICAL COMPOSITION	
CEqA6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
60.6	74.8	412	509	8.000	200.0	
59.8	73.8	418	516	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T ratio %	
25.00	0.810	
25.30	0.810	

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.

Maskey
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.