



CERTIFIED MATERIAL TEST REPORT

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

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV 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 / 16 X 31# / 410 X 46.1
SALES ORDER 570153/000330		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 2,480 LB
CUSTOMER PURCHASE ORDER NUMBER 4501200708		BILL OF LADING 1327-0000081551		DATE 12.11.2013	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A5/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.07	0.82	0.011	0.032	0.19	0.31	0.09	0.11	0.021	0.008	0.002	0.017	0.003

CHEMICAL COMPOSITION
CEqA6 %
0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
59.4	73.5	393	492	8.000	200.0	
57.0	71.3	410	507	8.000	200.0	

MECHANICAL PROPERTIES	
Elong %	Y/T ratio %
24.80	0.799
25.20	0.808

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

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