



CERTIFIED MATERIAL TEST REPORT

3-ML-MIDLOTHIAN
0 WARD ROAD
MIDLOTHIAN, TX 76065
3A

CUSTOMER SHIP TO GERDAU CORSA SAPI SA DE CV 16 603 717 ZVP GENERAL ESCOBEDO,NL 64000 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 22# / 250 X 32.7
SALES ORDER 1528406/000020		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 28,160 LB
CUSTOMER PURCHASE ORDER NUMBER 503041164		BILL OF LADING 1327-0000133450	DATE 17.11.2014	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 %
0.07	0.81	0.008	0.028	0.22	0.23	0.08	0.11	0.018	0.005	0.002	0.013	0.003

CHEMICAL COMPOSITION	
CE _{gy} A6 %	0.25

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	Y/T ratio %	G/L Inch	G/L mm
53.8	68.7	371	474	0.783	8.000	8.000
52.7	67.6	363	466	0.780	8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong %
200.0	25.70
200.0	25.30

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

Bhaskar
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