



CERTIFIED MATERIAL TEST REPORT

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

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 / 4 X 13# / 100 X 19.3
SALES ORDER 1813095/000950		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 85,800 LB
CUSTOMER PURCHASE ORDER NUMBER 4503400325		BILL OF LADING 1327-0000144431		DATE 16.02.2015	
SPECIFICATION / DATE of REVISION ASTM A6-13A ASTM A709-13A ASTM A992-11, A572-13A CSA G40.21-13 345WM					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Cu %	Mo %	Sn %	V %	Nb %	Al %
0.09	0.86	0.011	0.030	0.19	0.20	0.09	0.10	0.020	0.004	0.003	0.012	0.003

CHEMICAL COMPOSITION	
CEgyA6 %	
0.28	

MECHANICAL PROPERTIES						
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L Inch	
56385	71107	389	490	0.793	8.000	
55531	70380	383	485	0.789	8.000	

MECHANICAL PROPERTIES	
G/L mm	El gng. %
200.0	21.50
200.0	21.30

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*

BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Tom Harrington*

TOM HARRINGTON  
QUALITY ASSURANCE MGR.