



GERDAU

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

CERTIFIED MATERIAL TEST REPORT

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 SAIHAGUN SN CD SAIHAGUN,IIGO 43990 Mexico		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 4 X 13# / 100 X 19.3	DOCUMENT ID: 0000028068
SALES ORDER 3383426:000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 132,600 LB	HEAT / BATCH 58025157/02
CUSTOMER PURCHASE ORDER NUMBER 4505289639				BILL OF LADING 1327-0000200057		DATE 24.05.2016
SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A799-13A ASTM A992-11, A572-15 CSA G40 21-13 345WM						

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.10	0.88	0.009	0.038	0.20	0.30	0.13	0.15	0.037	0.008	0.002	0.015	0.003

CHEMICAL COMPOSITION
CEqvA6 %
0.31

MECHANICAL PROPERTIES						
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y:T ratio %	G/L Inch	
56957	75154	393	518	0.758	8.000	
57231	75673	395	522	0.756	8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong %
200.0	24.70
200.0	24.60

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.