



US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803-8905
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 SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 27 X 94# / 690 X 140	DOCUMENT ID: 0000011584
SALES ORDER 3321158/000070		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 45,120 LB	HEAT / BATCH 60116550/02
CUSTOMER PURCHASE ORDER NUMBER 4505199060			BILL OF LADING 1330-000068809	DATE 23.05.2016	SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-13A 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 %
0.07	1.14	0.014	0.032	0.21	0.30	0.13	0.11	0.020	0.012	0.003	0.019	0.003

CHEMICAL COMPOSITION	
CEqvA6 %	
0.32	

MECHANICAL PROPERTIES						
YS 0.2% PSI	YS PSI	YS MPa	UTS MPa	Y/T rati %	G/L Inch	
56840	71650	392	494	0.790	8.000	
56499	70440	390	486	0.800	8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	26.10
200.0	23.20

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

Alice L. Pitchford
ALICE PITCHFORD
QUALITY ASSURANCE MGR.