



US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803-8905
USA

CERTIFIED MATERIAL TEST REPORT

73260 Page 1/1

CUSTOMER SHIP TO GERDAU CORSA SAPI SA DE CV 16 603 717 ZVP GENERAL ESCOBEDO, NL 64000 Mexico		CUSTOMER BILL TO GERDAU CORSA SAPI DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN, HGO 43990 Mexico		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 24 X 117# / 610 X 174	DOCUMENT ID: 0000009942
SALES ORDER 3321158/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 14,040 LB	HEAT / BATCH 60116585/06
CUSTOMER PURCHASE ORDER NUMBER 4505199060		BILL OF LADING 1330-0000068260		SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-13A ASTM A992-11, A572-15 CSA G40.21-13 345WM		

CHEMICAL COMPOSITION		C	P	S	Si	Cu	Ni	Cr	Mn	Mo	Sp	V	Nb	Al
CEq/A6		0.09	0.017	0.024	0.19	0.36	0.13	0.16	1.15	0.020	0.011	0.003	0.018	0.003
USA														

CHEMICAL COMPOSITION		YS	UTS
CEq/A6		MPa	MPa
0.35		398	515
		399	513

MECHANICAL PROPERTIES		YS	UTS	Y/T_rati	G/L
psi		MPa	MPa	%	Inch
57708		398	515	0.770	8.000
57907		399	513	0.780	8.000

MECHANICAL PROPERTIES		Elong.
mm		%
200.0		27.00
200.0		26.40

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.

Shankar

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Alice K. Pitchford

ALICE FITCHFORD
QUALITY ASSURANCE MGR.