



**GERDAU**

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 / 14 X 90# / 360 X 134	DOCUMENT ID: 0000006623
SALES ORDER 3321158/000030		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 129,600 LB	HEAT / BATCH 60115992/02
BILL OF LADING 1330-0000067005		DATE 11-04-2016		SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-13A ASTM A992-11, A572-15 CSA G40.21-13 345WM		

CUSTOMER PURCHASE ORDER NUMBER 4305199060																																					
CHEMICAL COMPOSITION																																					
C %	0.09	Mn %	1.08	P %	0.016	S %	0.030	Si %	0.22	Cu %	0.32	Ni %	0.12	Cr %	0.12	Mo %	0.028	Sp %	0.013	V %	0.001	Nb %	0.018	Al %	0.003												
CHEMICAL COMPOSITION CE9/A6																																					

MECHANICAL PROPERTIES															
YS MPa	391	YS MPa	390	UTS MPa	513	UTS MPa	514	Y/T %	0.763	Y/T %	0.760	G/L Inch	8.000	G/L Inch	8.000

MECHANICAL PROPERTIES											
Elong. %	25.00	Elong. %	25.80								

COMMENTS / NOTES

00002215

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.

*Maskey*

BIASKAR YALAMANCILILI  
QUALITY DIRECTOR

*Alice K. Pitchford*

ALICE PITCHFORD  
QUALITY ASSURANCE MGR.