



CERTIFIED MATERIAL TEST REPORT

US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803-8905
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 / 30 X 108# / 760 X 161	DOCUMENT ID: 0000011122
SALES ORDER 3388531/000100		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 4,320 LB	HEAT / BATCH 60116237/04
CUSTOMER PURCHASE ORDER NUMBER 4505289639			BILL OF LADING 1330-0000068642	DATE 18.05.2016	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 %	Cr %	Ni %	Cu %	Mo %	Sn %	V %	Nb %	Al %	
0.10	1.16	0.016	0.021	0.24	0.32	0.10		0.15	0.030	0.012	0.003	0.016	0.003

CHEMICAL COMPOSITION CEgyA6 %	
0.36	

MECHANICAL PROPERTIES						
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L Inch	
59790	77320	412	533	0.770	8.000	
60389	76940	416	531	0.780	8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	25.40
200.0	24.10

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
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