



**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°		SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-13A ASTM A992-11, A572-15 CSA G40.21-13 345WM		
CUSTOMER PURCHASE ORDER NUMBER 4505289639	BILL OF LADING 1330-0000068642	DATE 18.05.2016				

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.08	1.20	0.017	0.027	0.22	0.45	0.16	0.13	0.044	0.016	0.001	0.017	0.002


CHEMICAL COMPOSITION	
CE <sub>eq</sub> A6 %	0.36

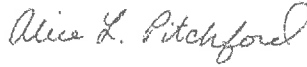
MECHANICAL PROPERTIES						
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L Inch	
58815	75040	406	517	0.780	8.000	
59300	76150	409	525	0.780	8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	25.10
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 YALAMANCHILI  
 QUALITY DIRECTOR


 ALICE PITCHFORD  
 QUALITY ASSURANCE MGR.