

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 109# / 360 X 162	DOCUMENT ID: 0000003008
SALES ORDER 3366224/000030		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 156,960 LB	HEAT / BATCH 60115667/02
CUSTOMER PURCHASE ORDER NUMBER 4505183013			BILL OF LADING 1330-0000065831	DATE 11.03.2016	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	1.17	0.026	0.028	0.22	0.45	0.14	0.18	0.026	0.014	0.004	0.018	0.004

CHEMICAL COMPOSITION	
CEqyA6 %	0.35

MECHANICAL PROPERTIES					
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L Inch
57500	76000	396	524	0.757	8.000
57800	75800	399	523	0.762	8.000

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	26.80
200.0	25.60

COMMENTS / NOTES

00000579

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

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