



US-ML-MIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
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 / 18 X 65# / 460 X 97	
SALES ORDER 1813095/000700		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 7,800 LB	HEAT / BATCH 59065231/03
CUSTOMER PURCHASE ORDER NUMBER 4503400325		BILL OF LADING 1327-0000146499		DATE 04.03.2015		
SPECIFICATION / DATE or REVISION ASTM A6-13A ASTM A709-13A ASTM A992-11, A572-13A CSA G40.21-13 345WM						

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	0.90	0.017	0.020	0.20	0.32	0.20	0.19	0.046	0.009	0.002	0.017	0.003

CHEMICAL COMPOSITION	
CE <sub>eq</sub> A6 %	
0.32	

MECHANICAL PROPERTIES					
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T ratio %	G/L Inch
54814	72766	378	502	0.753	8.000
54371	71794	375	495	0.757	8.000

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	25.70
200.0	26.30

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

*Tom Harrington*  
TOM HARRINGTON  
QUALITY ASSURANCE MGR.