



US-ML-PETERSBURG  
25801 HOFHEIMER WAY  
PETERSBURG, VA 23803  
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HR22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 27 X 84# / 690 X 125
SALES ORDER 377141/000190		CUSTOMER MATERIAL Nº		LENGTH 40'00"	WEIGHT 16,800 LB
CUSTOMER PURCHASE ORDER NUMBER 4500737833		BILL OF LADING 1330-0000022899		DATE 16.07.2013	
SPECIFICATION / DATE of REVISION A572/A572M-07 A592/A592M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mn %	Sn %	V %	Nb %	Al %	
0.09	1.16	0.013	0.023	0.23	0.28	0.14	0.14	0.033	0.017	0.003	0.017	0.003	

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
57.0	72.6	393	501	8.000	200.0	
55.1	71.6	383	494	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T ratio %	
28.20	0.785	
27.50	0.770	

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

*Bhaskar*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Wade A. Lipp*  
WADE LUMPKINS  
QUALITY ASSURANCE MGR.