



CERTIFIED MATERIAL TEST REPORT

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

<b>CUSTOMER SHIP TO</b> GERDAU CORSA S A P I D E CV 02 715 KMB 1023 507 ZVP MONTERREY, NL 64290 Mexico		<b>CUSTOMER BILL TO</b> GERDAU CORSA S A P I D E CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN, HGO 43990 Mexico		<b>GRADE</b> 992/572-50	<b>SHAPE / SIZE</b> Wide Flange Beam / 27 X 129# / 690 X 192
<b>SALES ORDER</b> 521494/000020		<b>CUSTOMER MATERIAL N°</b>		<b>LENGTH</b> 40'00"	<b>WEIGHT</b> 15,480 LB
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4501062425		<b>BILL OF LADING</b> 1330-0000030386		<b>DATE</b> 11.12.2013	
<b>SPECIFICATION / DATE or REVISION</b> A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	1.14	0.022	0.028	0.22	0.33	0.12	0.13	0.027	0.014	0.001	0.018	0.003

CHEMICAL COMPOSITION	
CE <sub>eq</sub> A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
55.7	72.8	384	502	8.000	200.0
53.3	72.6	381	501	8.000	200.0

MECHANICAL PROPERTIES	
Elong %	Y/T rati %
26.00	0.765
27.00	0.762

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.

*Maskar*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

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