

**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> 67,080 LB	<b>HEAT / BATCH</b> 60106946/03
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4501062425		<b>BILL OF LADING</b> 1330-0000030254		<b>DATE</b> 09.12.2013		
<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 %
0.07	1.17	0.018	0.029	0.19	0.38	0.12	0.11	0.022	0.018	0.002	0.018	0.002

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	
60.8	82.5	419	569	8.000	200.0	
59.1	81.9	408	565	8.000	200.0	

MECHANICAL PROPERTIES	
Elong %	Y/T rati %
22.30	0.737
21.00	0.722

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. Lumpkins*  
 WADE LUMPKINS  
 QUALITY ASSURANCE MGR.