



**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> 5,160 LB	<b>HEAT / BATCH</b> 60106864/06
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4501062425			<b>BILL OF LADING</b> 1330-0000030254	<b>DATE</b> 09.12.2013	<b>SPECIFICATION / DATE of REVISION</b> A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11	

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Cu %	Mo %	Sp %	V %	Nb %	Al %
0.08	1.14	0.022	0.025	0.23	0.33	0.13	0.13	0.027	0.013	0.001	0.019	0.003

CHEMICAL COMPOSITION
CEqvA6 %
0.3

MECHANICAL PROPERTIES					
YS KSI	YS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
55.8	73.0	385	503	8.000	200.0
55.6	72.4	383	499	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T rati %
28.30	0.764
25.90	0.768

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 FN 10204 3.1.

*Bhaskar*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

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