



**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 DE CV 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		<b>CUSTOMER BILL TO</b> GERDAU CORSA S A P I DE 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> 523002/000290		<b>CUSTOMER MATERIAL N°</b>		<b>LENGTH</b> 40'00"	<b>WEIGHT</b> 41,280 LB	<b>HEAT / BATCH</b> 60106858/02
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4501066658		<b>BILL OF LADING</b> 1330-0000030253		<b>DATE</b> 09.12.2013		
<b>SPECIFICATION / DATE or REVISION</b> A572/A572M-07 A592/A592M-11 ASTM A5/A5M-11						

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Co %	Mo %	Sp %	V %	Nb %	Al %
0.12	1.26	0.024	0.037	0.28	0.52	0.12	0.12	0.015	0.026	0.004	0.024	0.004

CHEMICAL COMPOSITION	
CEqyA6	%
0.4	

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
58.7	81.4	405	561	8.000	200.0
59.1	80.1	408	552	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
21.10	0.721
21.30	0.738

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 YALAMANCHLI  
 QUALITY DIRECTOR

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