

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO SOPORTE LOGISTICO EN DISTRIBUCION 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 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 / 21 X 101# / 530 X 150
SALES ORDER 272725/000060		LENGTH 40'00"		WEIGHT 76,760 LB	HEAT / BATCH 60102911/03
CUSTOMER PURCHASE ORDER NUMBER 4500517406		BILL OF LADING 1330-0000018715		DATE 29.04.2013	
SPECIFICATION / DATE or REVISION 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	1.16	0.013	0.028	0.29	0.30	0.11	0.12	0.028	0.014	0.002	0.019	0.003	

CHEMICAL COMPOSITION	
CEqvA6	%
0.3	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
56.3	74.1	388	511	8.000	200.0	
56.7	74.5	391	514	8.000	200.0	

MECHANICAL PROPERTIES		
Elong	Y/T ratio	
%	%	
21.40	0.760	
26.00	0.761	

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. We certify that these data are correct and in compliance with specified requirements. CMTR complies with EN 10204 3.1.

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Wade A. Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.