



US-ML-PETERSBURG  
25801 HOFHEIMER WAY  
PETERSBURG, VA 23803-8905  
USA

CERTIFIED MATERIAL TEST REPORT

<b>CUSTOMER SHIP TO</b> GERDAU CORSA SAPI SA DE CV 16 603 717 ZVP GENERAL ESCOBEDO,NL 64000 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> A992/A572-50	<b>SHAPE / SIZE</b> Wide Flange Beam / 27 X 94# / 690 X 140	<b>DOCUMENT ID:</b> 0000010351
<b>SALES ORDER</b> 3321158/000070		<b>CUSTOMER MATERIAL N°</b>		<b>LENGTH</b> 40'00"	<b>WEIGHT</b> 45,120 LB	<b>HEAT / BATCH</b> 60116549/02
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4505199060			<b>BILL OF LADING</b> 1330-0000068382	<b>DATE</b> 11.05.2016	<b>SPECIFICATION / DATE or REVISION</b> ASTM A6-14 ASTM A709-13A ASTM A992-11, A572-15 CSA G40.21-13 345WM	

CHEMICAL COMPOSITION												
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb	Al
%	%	%	%	%	%	%	%	%	%	%	%	%
0.08	1.18	0.014	0.029	0.29	0.29	0.13	0.12	0.030	0.013	0.003	0.019	0.004

CHEMICAL COMPOSITION	
CE <sub>eq</sub>	A6
%	%
0.33	

MECHANICAL PROPERTIES					
YS	UTS	YS	UTS	Y/T	G/L
0.2%	PSI	MPa	MPa	rati	Inch
56009	70810	386	488	0.790	8.000
62428	73420	430	506	0.850	8.000

MECHANICAL PROPERTIES	
G/L	Elong.
mm	%
200.0	22.70
200.0	19.20

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

*Bhaskar*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

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