



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO GERDAU CORSA SAPI SA DE CV 16 603 717 ZVP GENERAL ESCOBEDO, NL 64000 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I D E CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN, HGO 43990 Mexico		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 14 X 90# / 360 X 134	DOCUMENT ID: 000002812121
SALES ORDER 4280002/000040		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 129,600 LB	HEAT / BATCH 60118179/02
CUSTOMER PURCHASE ORDER NUMBER 4506430312		BILL OF LADING 1330-0000074624		SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-15 ASTM A992-11 (2015), A572-15 CSA G40.21-13 345WM		
DATE 08.11.2016						

CHEMICAL COMPOSITION		C	P	S	Si	Cu	Ni	Mo	V	Nb	Al
		%	%	%	%	%	%	%	%	%	%
CE <sub>qv</sub> A6	0.32	0.07	0.013	0.033	0.18	0.36	0.12	0.020	0.002	0.019	0.003

CHEMICAL COMPOSITION		Y <sub>S</sub>	UTS
		MPa	MPa
YS <sub>0.2%</sub>	71600	374	494
PSI	72300	374	499

MECHANICAL PROPERTIES		Y/T <sub>rati</sub>	G/L
		%	inch
Elong.	27.10	0.760	8.000
mm	27.50	0.750	8.000

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.

*Shackley*

BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Alice K. Pitchford*

ALICE PITCHFORD  
QUALITY ASSURANCE MGR.