



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

CERTIFICADO DE CALIDAD

CUSTOMER SHIP TO TRANSPORTE DE GAS ROAN SA ZVP 16 603 717 GENERAL ESCOBEDO,NL 66052 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 WFBEAM SHAPE_1 / 24 X 104# / 610 X 155
SALES ORDER 149656/000080		LENGTH 40'00"		WEIGHT 49,920 LB	HEAT / BATCH 6010125302
CUSTOMER PURCHASE ORDER NUMBER 4500282629-VA		BILL OF LADING 1330-0000012410		DATE 07.12.2012	
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 %
0.08	1.13	0.010	0.028	0.25	0.31	0.11	0.13	0.018	0.013	0.002	0.017	0.003

CHEMICAL COMPOSITION

CEqvA6 %
0.3

MECHANICAL PROPERTIES

YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
54.5	71.6	376	494	8.000	200.0
56.0	72.7	386	501	8.000	200.0

MECHANICAL PROPERTIES

Elong. %	Y/T rati %
28.90	0.760
27.50	0.770

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. L...
WADE LUMPKINS
QUALITY ASSURANCE MGR.