



US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
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_1/18 X35# / 460 X52	
SALES ORDER 149502/000350		SPECIFICATION / DATE of REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 93,720 LB	HEAT / BATCH 5801322002
CUSTOMER PURCHASE ORDER NUMBER 4500282629	BILL OF LADING 1327-0000032118	DATE 26.11.2012				

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Co %	Mo %	Sb %	V %	Nb %	Al %
0.06	0.92	0.012	0.011	0.28	0.29	0.08	0.11	0.028	0.009	0.002	0.020	0.003

CHEMICAL COMPOSITION
CE _{grA6} %
0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L inch	G/L mm	
53.4	69.2	368	477	8.000	200.0	
52.7	69.5	363	479	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T inch	Y/T mm
24.20	0.770	0.770
25.00	0.760	0.760

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. CMIR complies with EN 10204 3.1.

Maskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.