



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 WFB EAM SHAPE 1/24 X 84# / 610 X 125	
		LENGTH 40'00"	WEIGHT 110,880 LB	HEAT / BATCH 5905257502
SALES ORDER 149502/000400		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A616/A6M-11		
CUSTOMER PURCHASE ORDER NUMBER 4500282629	BILL OF LADING 1327-0000031962	DATE 20.11.2012		

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	0.94	0.016	0.028	0.29	0.30	0.10	0.15	0.027	0.011	0.002	0.020	0.003

CHEMICAL COMPOSITION	
C Equ A6 %	%
0.3	

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
55.8	74.0	380	503	8.000	200.0
55.1	74.0	385	510	8.000	200.0

MECHANICAL PROPERTIES		
Elong %	Y/T ratio %	
27.40	0.745	
27.40	0.754	

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.

Maskar

BEASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington

TOM HARRINGTON
QUALITY ASSURANCE MGR