



GERDAU

CERTIFICADO DE CALIDAD

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HB22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 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 WPBEAM SHAPE_I / 24 X 55# / 610 X 82	
SALES ORDER 87294/000270		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 28,600 LB	HEAT / BATCH 5926371703
CUSTOMER PURCHASE ORDER NUMBER 4500175956	BILL OF LADING 1327-0000013987	DATE 23.07.2012				

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.07	0.92	0.009	0.011	0.27	0.33	0.13	0.11	0.035	0.008	0.002	0.019	0.003	

CHEMICAL COMPOSITION	
CE _{qvA6} %	0.3

MECHANICAL PROPERTIES							
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm		
54.1	70.0	373	483	8.000	200.0		
55.1	72.0	380	496	8.000	200.0		

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
25.20	0.773
27.40	0.765

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

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.