

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV 02 715 KMB 1023 507 ZVP MONTERREY, NL 64290 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 Wide Flange Beam / 21 X 44# / 530 X 66
SALES ORDER 503985/000600			CUSTOMER MATERIAL N°	SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11	
CUSTOMER PURCHASE ORDER NUMBER 4501037660		BILL OF LADING 1327-0000077859	DATE 16.10.2013		

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.09	0.87	0.018	0.028	0.22	0.35	0.09	0.17	0.022	0.010	0.002	0.019	0.003	

CHEMICAL COMPOSITION	
CE _{Eqv} A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	YS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
55.7	72.0	404	513	8.000	200.0
58.6	74.4	384	496	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T rati %
25.10	0.788
24.90	0.774

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. CMTR complies with EN 10204 3.1.

Maskay BIASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington TOM HARRINGTON
QUALITY ASSURANCE MGR