



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO GERDAU CORSA S A P I D E CV 02 715 KMB 1023 507 ZVP MONTERREY, NL 64290 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I D E CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN, HGO 43990 Mexico		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 4 X 13# / 100 X 19.3	DOCUMENT ID: 0000068010
SALES ORDER 4118899/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 62.400 LB	HEAT / BATCH 59071495/02
CUSTOMER PURCHASE ORDER NUMBER 4506230811		BILL OF LADING 1327-0000216962	DATE 22.11.2016	SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-15 ASTM A992-11 (20.5), A572-15 CSA G40.21-13 345WM		

CHEMICAL COMPOSITION		C	P	S	Si	Mn	Cr	Ni	Mo	Sn	V	Nb	Al
		%	%	%	%	%	%	%	%	%	%	%	%
CE ₉ YA6	0.34	0.10	0.018	0.037	0.23	0.93	0.25	0.12	0.023	0.008	0.002	0.012	0.003

MECHANICAL PROPERTIES		YS	UTS	Y/T	Elong
		MPa	MPa	ratio	%
CE ₉ YA6	0.34	369	492	0.750	21.80
		377	504	0.749	22.30

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COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

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