



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

CERTIFIED MATERIAL TEST REPORT

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 A992/A572-50	SHAPE / SIZE Wide Flange Beam : 4 X 13# : 100 X 19.3	DOCUMENT ID: 0000069363
SALES ORDER 4208356-000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 86,320 LB	HEAT : BATCH 59072322/02
CUSTOMER PURCHASE ORDER NUMBER 4506347424			BILL OF LADING 1327-0000217512	DATE 30.11.2016	SPECIFICATION / DATE or REVISION ASTM A6-14 ASTM A709-15 ASTM A992-11 (2015), A572-15 CSA G40.21-13 345WM	

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.08	0.87	0.017	0.028	0.22	0.26	0.09	0.17	0.022	0.006	0.002	0.013	0.004

CHEMICAL COMPOSITION												
CE _{eq} A6												
0.29												

MECHANICAL PROPERTIES							
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T ratio %	G:L Inch		
56568	73053	390	504	0.774	8.000		
54017	70965	372	489	0.761	8.000		

MECHANICAL PROPERTIES	
G:L mm	Elong %
200.0	23.30
200.0	23.60

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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