

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO GERDAU CORSA SAPI SA DE CV 16 603 717 ZVP GENERAL ESCOBEDO,NL 64000 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 / 18 X 65# / 460 X 97	
SALES ORDER 1813095/000700		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 85,800 LB	HEAT / BATCH 59065235/03
CUSTOMER PURCHASE ORDER NUMBER 4503400325		BILL OF LADING 1327-0000146499		DATE 04.03.2015		SPECIFICATION / DATE or REVISION ASTM A6-13A ASTM A709-13A ASTM A992-11, A572-13A CSA G40.21-13 345WM

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.09	0.87	0.013	0.020	0.22	0.33	0.12	0.16	0.029	0.008	0.002	0.017	0.003	

CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.30

MECHANICAL PROPERTIES						
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T %	G/L Inch	
53578	71078	369	490	0.754	8.000	
52298	69879	361	482	0.748	8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	25.10
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.

Bhaskar
BHASKAR YALAMANCHILI
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