



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 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 Wide Flange Beam / 21 X 44# / 530 X 66	
SALES ORDER 378467/000530		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 21,120 LB	HEAT / BATCH 59057001/03
CUSTOMER PURCHASE ORDER NUMBER 4500737381			BILL OF LADING 1327-0000073693	DATE 18.09.2013	SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11	

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sr %	V %	Nb %	Al %
0.07	0.86	0.021	0.039	0.30	0.33	0.09	0.21	0.030	0.009	0.002	0.008	0.002

CHEMICAL COMPOSITION												
CEqvA6 %												
0.3												

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
51.6	67.9	357	461	8.000	200.0	
51.8	66.9	356	468	8.000	200.0	

MECHANICAL PROPERTIES	
Elong %	Y/T rati %
26.10	0.774
25.80	0.760

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.

Manoj
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TOM HARRINGTON
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