

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 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 / 18 X 35# / 460 X 52
SALES ORDER 378467/000460		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 8,400 LB
CUSTOMER PURCHASE ORDER NUMBER 4500737381		BILL OF LADING 1327-0000059914		DATE 19.06.2013	
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 %	Sn %	V %	Nb %	Al %	
0.07	0.95	0.011	0.033	0.20	0.31	0.09	0.14	0.034	0.010	0.002	0.018	0.002	

CHEMICAL COMPOSITION	
CEqvA6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
55.4	71.3	385	491	8.000	200.0	
55.8	71.2	382	492	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T ratio %	
25.30	0.784	
25.20	0.777	

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. We certify that these data are correct and in compliance with specified requirements. CMTR complies with EN 10204 3.1.

Bhaskar
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QUALITY DIRECTOR

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