

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 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 992/572-50	SHAPE / SIZE Wide Flange Beam / 21 X 44# / 530 X 66	
SALES ORDER 503985/000600		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 28,160 LB	HEAT / BATCH 59057931/02
CUSTOMER PURCHASE ORDER NUMBER 4501037660			BILL OF LADING 1327-0000078025	DATE 17.10.2013	SPECIFICATION / DATE of 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 %
0.09	0.87	0.011	0.019	0.27	0.32	0.16	0.14	0.042	0.009	0.002	0.019	0.004

CHEMICAL COMPOSITION												
CEqvA6 %												
0.3												

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
58.5	75.4	409	519	8.000	200.0	
59.3	75.3	404	520	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T rati %
23.90	0.787
24.60	0.776

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.

Bhaskar BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington TOM HARRINGTON
QUALITY ASSURANCE MGR.