



CERTIFIED MATERIAL TEST REPORT

US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803
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 / 36 X 135# / 920 X 201
SALES ORDER 616897/000130		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 27,000 LB
CUSTOMER PURCHASE ORDER NUMBER 4501322363		BILL OF LADING 1330-0000029476		DATE 26.11.2013	
SPECIFICATION / DATE of REVISION AST2/A572M-07 A592/A592M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Co %	Mo %	Sp %	V %	Nb %	Al %
0.10	1.23	0.015	0.029	0.28	0.33	0.12	0.13	0.019	0.013	0.003	0.018	0.005

CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.4

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
58.7	75.0	405	517	8.000	200.0
61.3	76.2	423	525	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
25.60	0.783
25.00	0.804

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

Wade L. Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.

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