



CERTIFIED MATERIAL TEST REPORT

US-ML-CARTERSVILLE
384 OLD GRASSDALE ROAD NE
CARTERSVILLE, GA 30121
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 A36/44W/A572-50	SHAPE / SIZE Channel / 10 X 25#	
SALES ORDER 524418/000010		CUSTOMER MATERIAL Nº		LENGTH 40'00"	WEIGHT 80,000 LB	HEAT / BATCH 55029778/02
CUSTOMER PURCHASE ORDER NUMBER 4501037660-GA			BILL OF LADING 1323-0000015751	DATE 21.11.2013	SPECIFICATION / DATE or REVISION 1-ASTM A6/A6M-11, A36/A36M-08 2-CSA G40.21-04 (R2009) 3-A572/A572M-07 4-A709-11, AASHTO M270-11	

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	V %	Nb %	N %	Pb %
0.18	1.02	0.014	0.016	0.21	0.34	0.10	0.08	0.031	0.016	0.001	0.0080	0.0050

CHEMICAL COMPOSITION	
Sn %	
0.012	

MECHANICAL PROPERTIES					
Elong. %	G/L inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
20.10	8.000	79600	549	55000	379
20.10	8.000	79800	550	56400	389

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

Yan Wang
 YAN WANG
 QUALITY ASSURANCE MGR.