

**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 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 A36/44W/A572-50	SHAPE / SIZE Angle / 6X4X3/8	
SALES ORDER 381406/000020		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 2,460 LB	HEAT / BATCH 55027116/04
CUSTOMER PURCHASE ORDER NUMBER 4500737887		BILL OF LADING 1323-0000005727	DATE 28.05.2013	SPECIFICATION / DATE or REVISION 1-ASTM A6/A6M-11 2-A36/A36M-08 3-CSA G40.21-04 (R2009) 5-A709-11		

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	V %	Nb %	N %	Pb %
0.14	0.90	0.011	0.028	0.20	0.28	0.10	0.04	0.030	0.016	0.001	0.0080	0.0060

CHEMICAL COMPOSITION
Sn %
0.011

MECHANICAL PROPERTIES					
Elong %	G/L inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
21.60	8.000	73800	509	52200	360
20.10	8.000	72000	496	51500	355

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*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Yan Wang*  
YAN WANG  
QUALITY ASSURANCE MGR.