

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 39,360 LB	HEAT / BATCH 55027108/02
CUSTOMER PURCHASE ORDER NUMBER 4500737887		BILL OF LADING 1323-0000007405		DATE 29.06.2013		SPECIFICATION / DATE of 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
%	%	%	%	%	%	%	%	%	%	%	%	%
0.15	0.90	0.008	0.026	0.21	0.27	0.09	0.04	0.028	0.016	0.002	0.0100	0.0070

CHEMICAL COMPOSITION	
Sn	%
0.012	

MECHANICAL PROPERTIES						
Elong.	G/L	UTS	UTS	YS 0.2%	YS	YS
%	Inch	PSI	MPa	PSI	MPa	MPa
21.20	8.000	74000	510	52200	360	360
21.30	8.000	73500	505	52700	363	363

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.