

CERTIFIED MATERIAL TEST REPORT



US-ML-CARTERSVILLE
384 OLD GRASSDALE ROAD NE
CARTERSVILLE, GA 30121
USA

CUSTOMER SHIP TO SOPORTE LOGISTICO EN DISTRIBUCION 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/A572-50	SHAPE / SIZE Angle / 6X4X1/2
SALES ORDER 273145/000010		LENGTH 40'00"	WEIGHT 106,920 LB	HEAT / BATCH 55026669/03	
CUSTOMER PURCHASE ORDER NUMBER 4500517419		BILL OF LADING 1323-0000000423	DATE 23.02.2013	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 %
0.16	1.02	0.008	0.030	0.22	0.28	0.11	0.05	0.024	0.016		0.0080	0.0060

MECHANICAL PROPERTIES						
Elong %	G/L Inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa	
21.40	8.000	74600	514	52000	359	
21.80	8.000	75400	520	52500	362	

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.