



CERTIFIED MATERIAL TEST REPORT

US-ML-MIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
USA

CUSTOMER SHIP TO GERDAU CORSA S A P I D E CV 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I D E CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE A36/A57250	SHAPE / SIZE Channel / 10 X 20.0# / 250 X 30
SALES ORDER 503985/000760		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 112,000 LB
CUSTOMER PURCHASE ORDER NUMBER 4501037660		BILL OF LADING 1327-0000078434		DATE 21.10.2013	
SPECIFICATION / DATE or REVISION A36/A36M-08 A572/A572M-07 ASTM A6/A6M-11					

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.10	0.86	0.022	0.024	0.23	0.32	0.09	0.12	0.022	0.011	0.002	0.019	0.004	

CHEMICAL COMPOSITION	
CEqvA6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
56.7	76.3	389	523	8.000	200.0	
56.5	75.8	391	526	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T ratio %	
24.60	0.745	
23.90	0.743	

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

*Tom Harrington*  
TOM HARRINGTON  
QUALITY ASSURANCE MGR.