

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGR ZVP 03-703-94 CARMEN,NL 66550 Mexico	CUSTOMER BILL TO ACEROMEX GRUPO INDUSTRIAL S A COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico	GRADE A36/A57250	SHAPE / SIZE CHANNEL SHAPE_C / 10 X 15.3# / 250 X 22.8	
SALES ORDER 123910/000020		LENGTH 40'00"	WEIGHT 80,784 LB	HEAT / BATCH 5905159202
CUSTOMER PURCHASE ORDER NUMBER 4500070378		BILL OF LADING 1327-0000017066		DATE 10.08.2012
SPECIFICATION / DATE or REVISION ASTM A36/A36M-08 ASTM A572/A572M-07 ASTM A6/A6M-11				

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Ca %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.07	0.37	0.018	0.031	0.24	0.33	0.17	0.20	0.046	0.007	0.002	0.019	0.005	

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L inch	G/L mm	
63.1	79.2	433	546	8.000	200.0	
62.8	79.2	435	546	8.000	200.0	

MECHANICAL PROPERTIES		
Elong. %	V/T ran %	
24.20	0.797	
23.70	0.793	

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

Tom Harrington
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