

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 BUL TO ACEROMEX GRUPO INDUSTRIAL S A COL LINDA VISTA 103 GUADALUPE, NL 67130 Mexico	GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_I / 24 X 68# / 610 X 101	
SALES ORDER 129497/000190		LENGTH 40'00"	WEIGHT 43,520 LB	HEAT / BATCH 5905262913
CUSTOMER PURCHASE ORDER NUMBER 4500070912	BILL OF LADING 1327-0000023772	DATE 26.09.2012	SPECIFICATION / DATE of REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11	

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.09	0.24	0.015	0.018	0.26	0.30	0.09	0.13	0.028	0.010	0.001	0.020	0.004	

CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
54.3	70.9	381	495	8.000	200.0	
55.2	71.7	374	489	8.000	200.0	

MECHANICAL PROPERTIES		
Elong. %	Y/T %	
27.30	0.770	
26.80	0.766	

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
TOM HARRINGTON
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