



US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO ACEROMEX GRUPO INDUSTRIAL SA D 03 703 94 ZVP CARMEN,NL 66550 Mexico		CUSTOMER BILL TO ACEROMEX GRUPO INDUSTRIAL SA D COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico		GRADE 992/S72-50	SHAPE / SIZE Wide Flange Beam / 18 X 119# / 460 X 177	
SALES ORDER 595719/000090		CUSTOMER MATERIAL Nº		LENGTH 40'00"	WEIGHT 23,800 LB	HEAT / BATCH 60106492/06
CUSTOMER PURCHASE ORDER NUMBER 4500089812		BILL OF LADING 1330-0000028787		DATE 07.11.2013		
SPECIFICATION / DATE or REVISION AST2/AST2M-07 A992/A992M-11 ASTM A6/A6M-11						

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Al %	Mo %	Sn %	V %	Nb %	Al %
0.08	1.23	0.012	0.029	0.22	0.37	0.13	0.12	0.023	0.016	0.002	0.020	0.003

CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	YS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
56.9	73.8	392	509	8.000	200.0
57.5	73.5	396	507	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
24.10	0.771
27.50	0.782

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

Wade A. L...
WADE LUMPKINS
QUALITY ASSURANCE MGR.