

**CERTIFIED MATERIAL TEST REPORT**



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

CUSTOMER SHIP TO ACARREOS DE ACERO SA DE CV 12 701 94 ZVP TULTITLAN DE MARIANO ESCO, MEXCOL LINDA VISTA 103 54940 Mexico		CUSTOMER BILL TO ACEROMEX GRUPO INDUSTRIAL SA D GUADALUPE, NL 67130 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 24 X 104# / 610 X 155
SALES ORDER 457692/000170		CUSTOMER MATERIAL Nº		LENGTH 40'00"	WEIGHT 4,160 LB
CUSTOMER PURCHASE ORDER NUMBER 4500084806		BILL OF LADING 1330-0000024780		DATE 15.08.2013	
SPECIFICATION / DATE of REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cr %	Ni %	Cu %	Mo %	Sn %	V %	Nb %	Al %
0.10	1.18	0.029	0.027	0.23	0.38	0.17	0.17	0.034	0.017	0.004	0.017	0.003

CHEMICAL COMPOSITION	
CE <sub>reqA6</sub> %	0.4

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
59.4	79.2	410	546	8.000	200.0
59.4	78.8	410	543	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T <sub>rel</sub> %
24.80	0.750
22.40	0.754

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*  
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*Wade A. Hill*  
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