

**CERTIFIED MATERIAL TEST REPORT**



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

<b>CUSTOMER SHIP TO</b> TRANSPORTES Y SERVICIOS INTEGR ZVP 03-703-94 CARMEN, NL 66550 Mexico	<b>CUSTOMER BILL TO</b> ACEROMEX GRUPO INDUSTRIAL S A COL LINDA VISTA 103 GUADALUPE, NL 67130 Mexico
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<b>GRADE</b> 992/572-50	<b>SHAPE / SIZE</b> WFBEAM SHAPE 1 / 24 X 68# / 610 X 101
<b>LENGTH</b> 40'00"	<b>WEIGHT</b> 114,240 LB
<b>HEAT / BATCH</b> 5905340702	

<b>SALES ORDER</b> 184222/000170	<b>SPECIFICATION / DATE of REVISION</b> A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11
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<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4500075160	<b>BILL OF LADING</b> 1327-0000035202	<b>DATE</b> 19.12.2012
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CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mn %	Sn %	V %	Nb %	Al %
0.06	0.84	0.013	0.039	0.21	0.34	0.10	0.13	0.025	0.010	0.002	0.019	0.003

CHEMICAL COMPOSITION	
C <sub>Eqv</sub> A6 %	%
0.3	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
53.9	69.1	363	474	8.000	200.0	
52.7	68.7	371	476	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T rail %	
25.30	0.767	
23.70	0.780	

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.

*Maskar*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Tom Harrington*  
TOM HARRINGTON  
QUALITY ASSURANCE MGR.