



CERTIFIED MATERIAL TEST REPORT

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

<b>CUSTOMER SHIP TO</b> TRANSPORTES Y SERVICIOS INTEGRACEROMEX GRUPO INDUSTRIAL S A ZVP 03-703-94, CARMEN,NL 66550 Mexico		<b>CUSTOMER BILL TO</b> COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico		<b>GRADE</b> 992/572-50	<b>SHAPE / SIZE</b> WFBEAM SHAPE_1 / 4 X 13# / 100 X 19.3
<b>SALES ORDER</b> 99806/000070		<b>LENGTH</b> 40'00"		<b>WEIGHT</b> 140,400 LB	<b>HEAT / BATCH</b> 5965088002
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4500067719		<b>BILL OF LADING</b> 1327-000009755		<b>DATE</b> 26.06.2012	
<b>SPECIFICATION / DATE or REVISION</b> 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 %
0.08	0.85	0.011	0.039	0.21	0.28	0.13	0.08	0.030	0.007	0.002	0.018	0.002

CHEMICAL COMPOSITION	
CE <sub>eq</sub> A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
57.3	77.5	399	534	8.000	200.0
58.0	77.4	395	534	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
23.60	0.749
22.80	0.739

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.

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