

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGRACEROMEX GRUPO INDUSTRIAL S.A. ZVP 03-703-94 CARMEN, NL 66550 Mexico		CUSTOMER BILL TO COL LINDA VISTA 103 GUADALUPE, NL 67130 Mexico		992/572-50	SHAPE / SIZE WFBEAM SHAPE 1 / 10 X 33# / 250 X 49.1
SALES ORDER 123970/000050		BILL OF LADING 1327-0000016695		LENGTH 40'00"	WEIGHT 13,200 LB
CUSTOMER PURCHASE ORDER NUMBER 4500070370		DATE 08.08.2012		HEAT / BATCH 5905004404	
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
0.08	0.91	0.016	0.023	0.26	0.30	0.08	0.12	0.029	0.008	0.002	0.020	0.004

CHEMICAL COMPOSITION	
CEqvA6	%
0.3	

MECHANICAL PROPERTIES					
YS	UTS	YS	UTS	G/L	G/L
KSI	KSI	MPa	MPa	Inch	mm
53.7	72.0	377	491	8.000	200.0
54.6	71.2	371	496	8.000	200.0

MECHANICAL PROPERTIES	
Elong.	Y/T rai
%	%
21.40	0.758
23.30	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. 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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