



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGR ACEROMEX GRUPO INDUSTRIAL S A ZVP 03-703-94 CARMEN,NL 66550 Mexico		CUSTOMER BILL TO COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_I / 24 X 104# / 610 X 155
SALES ORDER 124137/000100		LENGTH 40'00"		WEIGHT 70,720 LB	HEAT / BATCH 6010126202
CUSTOMER PURCHASE ORDER NUMBER 4500070371 V		BILL OF LADING 1330-0000008193		DATE 31.08.2012	
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	Su	V	Nb	Al	
%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.07	1.15	0.009	0.024	0.20	0.27	0.09	0.14	0.017	0.011	0.002	0.018	0.003	

CHEMICAL COMPOSITION	
CE _{equiv}	%
0.3	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
53.1	70.6	366	487	8.000	200.0	
54.6	71.6	377	494	8.000	200.0	

MECHANICAL PROPERTIES		
Elong	Y/T ratio	
%	%	
27.10	0.730	
26.30	0.760	

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

Wade A. Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.