



CERTIFIED MATERIAL TEST REPORT

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

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGRACEROMEX GRUPO INDUSTRIAL SA ZVP 03-703-94 CARMEN,NL 66550 Mexico		CUSTOMER BILL TO D COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 18 X 106# / 460 X 158
SALES ORDER 245755/000090		LENGTH 40'00"		WEIGHT 25,440 LB	HEAT / BATCH 60103975/06
CUSTOMER PURCHASE ORDER NUMBER 4500078237		BILL OF LADING 1330-0000017850		DATE 12.04.2013	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A616/A617M-11					

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	SI %	Co %	NI %	Cr %	Mn %	Sn %	V %	Nb %	Al %	
0.07	1.17	0.016	0.033	0.21	0.30	0.12	0.13	0.025	0.014	0.004	0.022	0.004	

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L inch	G/L mm
52.4	68.9	361	475	8.000	200.0
53.2	69.4	367	479	8.000	200.0

MECHANICAL PROPERTIES	
Elong %	Y/T ratio %
25.40	0.760
26.90	0.767

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

Wade A. F.
WADE LUMPKINS
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