



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGRACEROMEX GRUPO INDUSTRIAL SA ZVP 03 703 94 SN 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 / 21 X 101# / 530 X 150		
SALES ORDER 377041/000100		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 149,480 LB	HEAT / BATCH 60105718/02	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11				CUSTOMER PURCHASE ORDER NUMBER 4500082178			
BILL OF LADING 1330-0000026041		DATE 12.09.2013					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.10	1.13	0.013	0.028	0.23	0.29	0.14	0.10	0.035	0.014	0.001	0.017	0.000

CHEMICAL COMPOSITION	
CE _{eq} A6 %	%
0.3	

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
55.3	72.6	381	501	8.000	200.0
55.8	72.4	385	499	8.000	200.0

MECHANICAL PROPERTIES		
Elong %	Y/T %	Y/T rad
27.40	0.762	
22.80	0.771	

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. CMTR complies with EN 10204 3.1.

Braskar
BRASKAR YALAMANCHELI
QUALITY DIRECTOR

Wade Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.