

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO FORTACERO SA DE CV MONTERREY SN MONTERREY,NL 64000 Mexico		CUSTOMER BILL TO FORTACERO SA DE CV BLVD CARLOS SALINAS DE GOTIARI APODACA,NL 66600 Mexico		GRADE 992/572-50	SHAPE / SIZE Wide Flange Beam / 14 X 90# / 360 X 134	
SALES ORDER 534513/000050		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 64,800 LB	HEAT / BATCH 60106438/05
CUSTOMER PURCHASE ORDER NUMBER 4500104041		BILL OF LADING 1330-0000029013	DATE 11.11.2013	SPECIFICATION / DATE or 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	1.18	0.016	0.039	0.23	0.40	0.15	0.14	0.029	0.015	0.004	0.020	0.003

CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
57.9	75.9	399	523	8.000	200.0
56.7	74.4	391	513	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T rati %
24.10	0.763
28.00	0.762

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 YALAMANCHILI
QUALITY DIRECTOR

Wade A. Hill
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