

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO FORTACERO SA DE CV 14701 ATLANTA DRIVE LAREDO, TX 78045-7976 USA		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 / 24 X 68# / 610 X 101
SALES ORDER 614082/000180		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 8,160 LB
CUSTOMER PURCHASE ORDER NUMBER 4500405846		BILL OF LADING 1327-0000083863		DATE 27.11.2013	
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 %
0.09	0.82	0.017	0.035	0.22	0.35	0.17	0.18	0.030	0.009	0.002	0.019	0.002

CHEMICAL COMPOSITION	
CEqvA6 %	%
0.5	

MECHANICAL PROPERTIES		UTS		YS		G/L	
KSI	MPa	KSI	MPa	Inch	mm	Inch	mm
54.7	72.5	37.5	493	8.000	200.0	8.000	200.0
54.4	71.5	37.7	500				

MECHANICAL PROPERTIES		Y/T ratio	
Elong %	%	%	%
24.80	0.761		
24.40	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 billers, was melted and manufactured in the U.S.A. CMTR complies with EN 10204 3.1.

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