

GERDAULOTHIAN
ROAD
N, TX 76065

CERTIFIED MATERIAL TEST REPORT

56985

Page 1/1

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 21,760 LB	HEAT / BATCH 59058540/02
PURCHASE ORDER NUMBER		BILL OF LADING 1327-0000084215	DATE 03.12.2013	SPECIFICATION / DATE of REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		

COMPOSITION	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
	0.84	0.029	0.032	0.21	0.40	0.17	0.23	0.036	0.013	0.002	0.021	0.002

COMPOSITION

PROPERTIES	YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
	55.7	73.5	393	509	8.000	200.0
	57.0	73.8	384	507	8.000	200.0

PROPERTIES	elong. %	Y/T ratio %
	3.80	0.772
	4.30	0.758

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.

*Mhaskar*BILASKAR YALAMANCHILI
QUALITY DIRECTOR*Tom Harrington*TOM HARRINGTON
QUALITY ASSURANCE MGR.