

**GERDAU**

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

CERTIFIED MATERIAL TEST REPORT

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CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGRACEROMEX GRUPO INDUSTRIAL S A ZVP 03-703-94 CARMEN,NL 66550 Mexico		CUSTOMER DRG TO COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_1 / 24 X 68# / 610 X 101
SALES ORDER 184222/000170		LENGTH 40'00"		WEIGHT 114,240 LB	HEAT / BATCH 5905340702
CUSTOMER PURCHASE ORDER NUMBER 4500075160		BILL OF LADING 1327-0000035202	DATE 19.12.2012	SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6A6M-11	

CHEMICAL COMPOSITION													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cu	V	Nb	Al	
%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.06	0.84	0.013	0.009	0.21	0.34	0.10	0.13	0.025	0.010	0.002	0.019	0.003	

CHEMICAL COMPOSITION	
C _{equiv}	%
0.3	

MECHANICAL PROPERTIES							
YS	UTS	YS	UTS	GA	GA		
KSI	KSI	MPa	MPa	inch	mm		
53.9	69.1	363	474	8.000	200.0		
52.7	68.7	371	476	8.000	200.0		

MECHANICAL PROPERTIES		
Elong.	Y/T _{red}	
%	%	
25.30	0.767	
23.70	0.780	

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.

Maskey

DHASKAR YALAMANCHIL
QUALITY DIRECTOR

Tom Harrington

TOM HARRINGTON
QUALITY ASSURANCE MGR.