

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGRACEROMEX GRUPO INDUSTRIAL S A ZVP 03-703-94 CARMEN,NL 66550 Mexico		CUSTOMER BILL TO COL LINDA VISTA 103 GUADALUPE,NL 67130 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_1/4 X 13# / 100 X 19.3
SALES ORDER 184222/000230		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 132,600 LB
HEAT/BATCH 5905291202		DATE 20.11.2012		BILL OF LADING 1327-0000031822	
CUSTOMER PURCHASE ORDER NUMBER 4500075160					

CHEMICAL COMPOSITION												
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb	Al
%	%	%	%	%	%	%	%	%	%	%	%	%
0.07	0.91	0.010	0.020	0.19	0.28	0.12	0.12	0.029	0.009	0.002	0.019	0.003

CHEMICAL COMPOSITION
CEqvA6 %
0.3

MECHANICAL PROPERTIES					
YS	UTS	YS	UTS	G/L	G/L
KSI	KSI	MPa	MPa	Inch	mm
58.3	72.9	407	508	8.000	200.0
59.1	73.7	402	503	8.000	200.0

MECHANICAL PROPERTIES	
Elong	Y/T ratio
%	%
22.50	0.802
22.00	0.800

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.

Bhaskar
BHASKAR YALAMANCHILLI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
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