



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

CERTIFIED MATERIAL TEST REPORT

| | | | | | | |
|---|--|--|--|---------------------|--|--|
| CUSTOMER SHIP TO SOPORTE LOGISTICO EN DISTRIBUCION 02 715 KMB 1023 507 ZVP MONTERREY, NL 64290 Mexico | | CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN, HGO 43990 Mexico | | GRADE 992/572-50 | SHAPE / SIZE Wide Flange Beam / 10 X 12# / 250 X 17.9 | |
| SALES ORDER 233767/000200 | | LENGTH 40'00" | | WEIGHT 72,000 LB | HEAT / BATCH 59052534/02 | |
| CUSTOMER PURCHASE ORDER NUMBER 4500454615 | | BILL OF LADING 1327-0000042837 | | DATE 20.02.2013 | | SPECIFICATION / DATE of 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 | |
| % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 0.07 | 0.84 | 0.013 | 0.025 | 0.22 | 0.33 | 0.10 | 0.14 | 0.026 | 0.011 | 0.002 | 0.017 | 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 | 72.0 | 408 | 494 | 8.000 | 200.0 | |
| 59.2 | 71.7 | 402 | 496 | 8.000 | 200.0 | |

| MECHANICAL PROPERTIES | |
|-----------------------|-----------|
| Elong. | Y/T ratio |
| % | % |
| 25.90 | 0.826 |
| 26.10 | 0.810 |

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 YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.