



US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803
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 / 27 X 84# / 690 X 125 | |
| SALES ORDER 348780/000110 | | CUSTOMER MATERIAL N° | | LENGTH 40'00" | WEIGHT 10,080 LB | HEAT / BATCH 60104844/04 |
| CUSTOMER PURCHASE ORDER NUMBER 4500675825 | | BILL OF LADING 1330-0000022251 | | SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11 | | |
| | | DATE 02.07.2013 | | | | |

| CHEMICAL COMPOSITION | | | | | | | | | | | | |
|----------------------|------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|
| C % | Mn % | P % | S % | Si % | Cl % | Ni % | Cr % | Mo % | Sn % | V % | Nb % | Al % |
| 0.07 | 1.12 | 0.014 | 0.029 | 0.22 | 0.31 | 0.12 | 0.15 | 0.022 | 0.019 | 0.003 | 0.016 | 0.004 |

| CHEMICAL COMPOSITION |
|----------------------|
| CEqvA6 % |
| 0.3 |

| MECHANICAL PROPERTIES | | | | | | |
|-----------------------|---------|--------|---------|----------|--------|--|
| YS KSI | UTS KSI | YS MPa | UTS MPa | G/L Inch | G/L mm | |
| 56.0 | 74.3 | 386 | 512 | 8.000 | 200.0 | |
| 53.3 | 70.1 | 368 | 483 | 8.090 | 200.0 | |

| MECHANICAL PROPERTIES | |
|-----------------------|-----------|
| Elong % | Y/T mtl % |
| 26.50 | 0.754 |
| 26.50 | 0.760 |

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. CMTR complies with EN 10204 3.1.

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Wade A. Hill
WADE LUMPKINS
QUALITY ASSURANCE MGR.