

PO#: P0239635-01 Part: MC10220040* Qty: 3 Heat#: 55077738* Tag: B09022423 Date: 2/25/2023 To: SENTRY SUPPLY dba SO#: A752404 Ln#: 1



US-MI-CARTERSVILLE
 384 OLD GRASSDALE ROAD NE
 CARTERSVILLE, GA 30121
 USA

CERTIFIED MATERIAL TEST REPORT

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|--|--|-----------------------------------|--|---|--|----------------------------|--|
| SALES ORDER 11922082/000150 | | GRADE GGMULTI | | SHAPE / SIZE Misc Channel / 10 X 22# | | DOCUMENT ID: 0000521645 | |
| CUSTOMER PURCHASE ORDER NUMBER SSW128330 | | BILL OF LADING 1323-0000212441 | | LENGTH 40'00" | | WEIGHT 7,040 LB | |
| CUSTOMER MATERIAL N° | | DATE 07/15/2022 | | HEAT / BATCH 55077738/03 | | | |
| SPECIFICATION / DATE OF REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13 | | | | | | | |

| CHEMICAL COMPOSITION | | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mn (%) | V (%) | Nb (%) | N (%) | Pb (%) | Sn (%) |
|----------------------|------|-------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| C (%) | 0.06 | 0.018 | 0.020 | 0.28 | 0.35 | 0.12 | 0.13 | 0.024 | 0.001 | 0.016 | 0.0097 | 0.0040 | 0.011 |
| Mn (%) | 0.94 | | | | | | | | | | | | |

| MECHANICAL PROPERTIES | | G/L (Inches) | UTS (MPa) | YS 0.2% (PSI) |
|-----------------------|-------|--------------|-----------|---------------|
| Elong. (%) | 25.70 | 8.000 | 489 | 57800 |
| | 26.00 | 8.000 | 483 | 55400 |

COMMENTS / NOTES
 This grade meets the requirements for the following grades:
 ASTM Grades: A36, A529-50; A572-50; A709-36; A709-50
 SA Grades: 44W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdaul possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

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