



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

CERTIFIED MATERIAL TEST REPORT

| | | | | | | |
|--|-----------------------------------|----------------------|--|------------------|--------------------------------------|-----------------------------|
| SALES ORDER 12248044/000170 | | CUSTOMER MATERIAL N° | | GRADE A529-50 | SHAPE / SIZE Flat Bar / 1 1/4 X 5 | DOCUMENT ID: 0000552776 |
| | | | | LENGTH 20'00" | WEIGHT 4,250 LB | HEAT / BATCH 55073687/07 |
| SPECIFICATION / DATE or REVISION ASTM A529-14 ASTM A6-17 | | | | | | |
| CUSTOMER PURCHASE ORDER NUMBER SSW130755 | BILL OF LADING 1323-0000221719 | DATE 11/04/2022 | | | | |

| CHEMICAL COMPOSITION | | | | | | | | | | | |
|----------------------|--------|-------|-------|--------|--------|--------|--------|-------|--------|-------|--------|
| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo(%) | Sn (%) | V (%) | Nb (%) |
| 0.16 | 0.86 | 0.017 | 0.026 | 0.23 | 0.43 | 0.10 | 0.15 | 0.037 | 0.010 | 0.001 | 0.015 |


| MECHANICAL PROPERTIES | | | | | |
|-----------------------|-----------|----------|-----------|--------------|------------|
| YS 0.2% (PSI) | UTS (PSI) | YS (MPa) | UTS (MPa) | G/L (Inches) | Elong. (%) |
| 56900 | 82600 | 392 | 570 | 8.000 | 23.70 |
| 56900 | 81900 | 392 | 565 | 8.000 | 23.00 |

COMMENTS / NOTES
This Batch also meets ASTM A572 Gr50 -21

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 Gerdaу 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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