

CERTIFIED MATERIAL TEST REPORT

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|---|---|-----------------------|
| DOCUMENT ID: 0000532667 | SHAPE / SIZE Wide Flange Beam / 12 X 35# / 310 X 52 | GRADE A992/A572-50 |
| HEAT / BATCH 55080852/08 | WEIGHT 8,400 LB | PCS 12 |
| LENGTH 20'00" | | |
| SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W | | |

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|--|-----------------------------------|
| CUSTOMER MATERIAL N° 000000003712350020 | SALES ORDER 11951893/000020 |
| DATE 08/26/2022 | BILL OF LADING 1323-0000215475 |

GO GERDAU
 US-ML-CARTERSVILLE
 384 OLD GRASSDALE ROAD NE
 CARTERSVILLE, GA 30121
 USA
 CUSTOMER PURCHASE ORDER NUMBER
 4500532134

| CHEMICAL COMPOSITION | | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo(%) | Sn (%) | V (%) | Nb (%) | CEqvA6 (%) |
|-----------------------|-------|-----------|-------|----------|--------|-----------|--------|--------------|--------|--------------|--------|------------|
| C (%) | 0.07 | 0.011 | 0.034 | 0.25 | 0.31 | 0.15 | 0.11 | 0.029 | 0.011 | 0.001 | 0.024 | 0.29 |
| MECHANICAL PROPERTIES | | UTS (PSI) | | YS (MPa) | | UTS (MPa) | | Y/T rati (%) | | G/L (Inches) | | Elong. (%) |
| YS 0.2% (PSI) | 56600 | 73600 | 74400 | 390 | 381 | 508 | 513 | 0.770 | 0.740 | 8.000 | 8.000 | 26.40 |
| | 55200 | | | | | | | | | | | 25.70 |

COMMENTS / NOTES

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 Gerdaus 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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