



CERTIFIED MATERIAL TEST REPORT

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

| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|-----------------------|---------------------------------------------------------|----------------------------|
| CUSTOMER SHIP TO | | CUSTOMER BILL TO | | GRADE A992/A572-50 | SHAPE / SIZE Wide Flange Beam / 8 X 28# / 200 X 41.7 | DOCUMENT ID: 0000540702 |
| SALES ORDER 12242719/000010 | | CUSTOMER MATERIAL N° 00000000378280030 | | LENGTH 30'00" | PCS 10 | WEIGHT 8,400 LB |
| CUSTOMER PURCHASE ORDER NUMBER 4500537211 | | BILL OF LADING 1323-0000218006 | | DATE 09/25/2022 | | |
| SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W | | | | | | |

| CHEMICAL COMPOSITION | | | | | | | | | | | | | |
|----------------------|--------|-------|-------|--------|--------|--------|--------|-------|--------|-------|--------|------------|--|
| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo(%) | Sn (%) | V (%) | Nb (%) | CEqvA6 (%) | |
| 0.07 | 0.96 | 0.014 | 0.031 | 0.25 | 0.27 | 0.11 | 0.14 | 0.039 | 0.012 | 0.002 | 0.021 | 0.30 | |


| MECHANICAL PROPERTIES | | | | | | | |
|-----------------------|-----------|----------|-----------|--------------|--------------|------------|--|
| YS 0.2% (PSI) | UTS (PSI) | YS (MPa) | UTS (MPa) | Y/T rati (%) | G/L (Inches) | Elong. (%) | |
| 53000 | 73700 | 365 | 508 | 0.720 | 8.000 | 24.90 | |
| 54400 | 73300 | 375 | 505 | 0.740 | 8.000 | 23.90 | |

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 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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