



US-ML-MIDLOTHIAN
 300-WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

CUSTOMER PURCHASE ORDER NUMBER
 A762701

USA

SALES ORDER
 12937621/000010

BILL OF LADING
 1327-000526442

DATE
 05/04/2023

CUSTOMER MATERIAL N°

SPECIFICATION / DATE or REVISION

ASTM A6-17
 ASTM A709-21 GR50
 ASTM A992-20, A572-21
 CSA G40.21-13 345WML 50W

GRADE
 A992/A572-50

SHAPE / SIZE
 Wide Flange Beam / 6 X 15# / 150 X 22.5

DOCUMENT ID:
 0000936133

LENGTH
 40'00"

PCS
 36

WEIGHT
 21,600 LB

HEAT / BATCH
 59111315/02

CHEMICAL COMPOSITION
 C (%) 0.09 Mn (%) 0.85 P (%) 0.012 S (%) 0.025 Si (%) 0.20

V (%) 0.001 Nb (%) 0.012 CE_{qv}A6 (%) 0.30

Sn (%) 0.008

Mo (%) 0.034

Cr (%) 0.18

Ni (%) 0.10

Cu (%) 0.29

YS (MPa)
 359
 361

UTS (PSI)
 66568
 66611

MECHANICAL PROPERTIES
 YS 0.2% (PSI)
 52098
 52313

UTS (MPa)
 459
 459

Y/T ratio (%)
 0.780
 0.790

G/L (Inches)
 8.000
 8.000

G/L (mm)
 200.0
 200.0

Elong. (%)
 25.20
 27.20

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.

SHASKAR YALAMANCHILI
 QUALITY DIRECTOR

WADE LUMPKINS
 QUALITY ASSURANCE MGR

Phone: (409) 767-1071 Email: Rshaskar.Yalamanchili@gerdau.com

Phone: 972-770-2118 Email: Wade.Lumpkins@gerdau.com