

Date: 11/21/2023 Heat#: 58056794\* Tag: B11112023  
 To: SENTRY SUPPLY dba SO#: A793731 Ln#: 1 PO#: PO245627-08 Part: W1605740\* Qty: 1  
 Gerdaul's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto:metalsrecycling@gerdau.com).

DOCUMENT ID:  
0000970012

SHAPE / SIZE  
Wide Flange Beam / 16 X 57# / 410  
K 85

WEIGHT  
6,840 LB

HEAT / BATCH  
58056794/08

**CERTIFIED MATERIAL TEST REPORT**

CUSTOMER SHIP TO  
SI  
84  
HOUSTON, TX 77029  
USA

CUSTOMER BILL TO  
SI  
84  
HOUSTON, TX 77029  
USA



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

CUSTOMER ORDER  
13179383/000060

CUSTOMER MATERIAL N°

SALES ORDER  
13179383/000060

CUSTOMER PURCHASE ORDER NUMBER  
SSW137033

DATE  
07/18/2023

BILL OF LADING  
1327-0000537238

GRADE  
A992/A572-50

LENGTH  
40'00"

PCS  
3

LENGTH  
40'00"

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

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

Y (%) 0.002

Vn (%) 0.017

CEqVA6 (%) 0.32

Y/T ratio (%) 0.770

G/L (mm) 200.0

G/L (Inches) 8.000

UTS (MPa) 493

UTS (PSI) 71485

YS (MPa) 378

YS (PSI) 54797

YS (MPa) 384

YS (PSI) 72034

C (%) 0.08

P (%) 0.016

S (%) 0.032

Mn (%) 0.90

Cu (%) 0.28

Si (%) 0.19

Ni (%) 0.12

Cr (%) 0.27

Mo (%) 0.036

Sb (%) 0.007

Mo (%) 0.036

Cr (%) 0.27

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Elong. (%) 27.90

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