

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000845561

SHAPE / SIZE: Wide Flange Beam / 12 X 30# / 310 X 44.5

GRADE: A992/A572-50

HEAT / BATCH: 58053-65/03

LENGTH: 40'00"

WEIGHT: 7,200 LB

PCS: 6

SPECIFICATION / DATE: or REVISION

ASTM A6-17

ASTM A709-15

ASTM A992-20, A572-21

CSA G40.21-13 345WML 50W

CUSTOMER SHIP TO: STEEL AND PIPE SUPPLY CO INC
 4750 W MARSHALL AVE
 LONGVIEW, TX 75604-4817
 USA

CUSTOMER MATERIAL N°: 000000003712309040

SALES ORDER: 12331201/000030

CUSTOMER MATERIAL N°: 000000003712309040

DATE: 10/24/2022

BILL OF LADING: 1327-0000497686

CP GERDAU

US-MIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

CUSTOMER PURCHASE ORDER NUMBER: G450039206

CHEMICAL COMPOSITION		C (%)	Mn (%)	P (%)	S (%)	Si (%)	Sr (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	C _{Eqv} A6 (%)
C 0.04	0.92	0.011	0.036	0.19	0.24	0.11	0.15	0.027	0.006	0.001	0.019	0.300	0.29	0.000	0.000	0.000

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	YS (PSI)	UTS (PSI)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	401	504	508	73079	73664	0.800	8.000	200.0	26.40
YS 0.01% (PSI)	404	508	508	73664	73664	0.800	8.000	200.0	25.40

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 Gerdaul 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 10294 3.1.

Maskan
 BHASKAR VALAMANCHILI
 QUALITY DIRECTOR

WADE LUMPKINS
 QUALITY ASSURANCE MGR

Phone: (469) 267 1077 | Email: Bhaskar.Valamanchili@gerdau.com

Phone: 972 774 3118 | Email: Wade.Lumpkins@gerdau.com