

CERTIFIED MATERIAL TEST REPORT

GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 8 X 18# / 200 X 26.6	DOCUMENT ID: 0000872685
LENGTH 20'00"	PCS 24	WEIGHT 8,640 LB
HEAT / BATCH 59108430/03		

SALES ORDER 12503843/000020		CUSTOMER MATERIAL N° 00000000378180020
BILL OF LADING 1327-0000506320		DATE 12/30/2022
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		

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

CUSTOMER PURCHASE ORDER NUMBER
4500542298

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.08	0.009	0.030	0.20	0.25	0.11	0.14	0.025	0.005	0.001	0.014	0.001	0.28

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	55654	384	486	0.790	200.0	24.60
	54917	379	486	0.780	200.0	24.30

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 Gerdau 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.

Bhaskar BIHASKAR YALAMANCHILI QUALITY DIRECTOR
 WADE LUMPKINS QUALITY ASSURANCE MGR.

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com
 Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com