



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO COOKSEY IRON & METAL CO INC 801 2ND ST E TIFTON, GA 31794-4582 USA		CUSTOMER BILL TO COOKSEY IRON & METAL CO INC TIFTON, GA 31793-0391 USA		GRADE A592/A572-50	SHAPE / SIZE Wide Flange Beam / 6 X 12# / 130 X 18.0	DOCUMENT ID: 0000613095
SALES ORDER 12768968/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	PCS 18	WEIGHT 8,640 LB
BILL OF LADING 1323-0000238555		DATE 06/14/2023		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A592-20, A572-21 CSA G40.21-13 345W/M, 50W		
7580-40						

CHEMICAL COMPOSITION	C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
	0.12	0.85	0.013	0.031	0.21	0.31	0.12	0.10	0.030	0.011	0.001	0.007	0.32

MECHANICAL PROPERTIES	YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	Elong (%)
	53100	73200	366	505	0.720	8.000	25.30
	55800	74300	385	512	0.750	8.000	25.30

COMMENTS / NOTES

Gerda'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).

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 Gerda 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.

*Shashank*  
 BHASKAR VALAMANCHILI  
 QUALITY DIRECTOR

*Yan Wang*  
 YAN WANG  
 QUALITY ASSURANCE MGR

Phone: (409) 267-1071 Email: [Bhaskar.Valamanchili@gerdau.com](mailto:Bhaskar.Valamanchili@gerdau.com)

Phone: (770) 387 5718 Email: [yan.wang@gerdau.com](mailto:yan.wang@gerdau.com)