



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

CL S 1 LON	LP F LON	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 12 X 53# / 310 X 79	DOCUMENT ID: 0000940492
77029	LENGTH 40'00"	PCS 4	WEIGHT 8,480 LB	HEAT / BATCH 59110855/02
SALES ORDER 12958874/000080		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		
CUSTOMER PURCHASE ORDER NUMBER SSW135689		CUSTOMER MATERIAL N°		
BILL OF LADING 1327-0000527858		DATE 05/12/2023		

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
C (%)	0.07	0.85	0.020	0.21	0.31	0.12	0.23	0.028	0.008	0.002	0.018	0.30

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	UTS (PSI)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	52129	360	476	69021	0.760	8.000	200.0	24.80
	54470	376	489	70891	0.770	8.000	200.0	25.00

COMMENTS / NOTES

Date: 5/31/2023 To: SENTRY SUPPLY dba SO#: A766064 Ln#: 1 PO#: P0241816-08 Part: W1205340* Qty: 3
Heat#: 59110855* Tag: B05053023

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.

Shankar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

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