

Date: 11/21/2023 To: SENTRY SUPPLY dba SO#: A793731 Ln#: 1 PO#: PO245627-08 Part: W1605740* Qty: 1
 Heat#: 58055731* Tag: B11112023



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

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE	SHAPE / SIZE	DOCUMENT ID:
USA		P S E I		A992/A572-50	Wide Flange Beam / 16 X 57# / 410 X 85	0000937485
SALES ORDER 12944300/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 6,840 LB	HEAT / BATCH 58055731/05
CUSTOMER PURCHASE ORDER NUMBER SSW135605		BILL OF LADING 1327-0000526904		SPECIFICATION / DATE of REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345W.M. 50W		
		DATE 05/07/2023				

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CE _{eqvA6} (%)
C (%)	0.08	0.90	0.030	0.23	0.22	0.09	0.17	0.036	0.005	0.001	0.019	0.002	0.29
MECHANICAL PROPERTIES		YS (MPa)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)				
YS 0.2% (PSI)	52684	363	6988	361	482	0.750	8.000	200.0	25.90				
	52398		68704		474	0.760	8.000	200.0	29.20				

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 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.

Shaskay
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