



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

		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 12 X 45# / 310 X 67	DOCUMENT ID: 0000838689
		LENGTH 40'00"	PCS 4	WEIGHT 7,200 LB
		HEAT / BATCH 59107490/02		
SALES ORDER 12302154/000020		CUSTOMER MATERIAL N°		
CUSTOMER PURCHASE ORDER NUMBER SSW131101		BILL OF LADING 1327-0000495251	DATE 10/06/2022	SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	0.89	0.008	0.015	0.23	0.26	0.08	0.16	0.023	0.006	0.003	0.025	0.003	0.29

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
54850	70627	378	487	0.780	8.000	200.0	26.60
53471	69776	369	481	0.770	8.000	200.0	25.20

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 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
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Date: 8/9/2023 To: SENTRY SUPPLY dba SO#: A776754 Ln#: 1 PO#: P0243305-01 Qty: 1
Heat#: 59107490* Tag: T03080823