



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

GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 16 X 36# / 410 K 53	DOCUMENT ID: 0000936058
LENGTH 50'00"	PCS 5	WEIGHT 9,000 LB
HEAT / BATCH 59111412/04		

SALES ORDER 12930948/000140	CUSTOMER MATERIAL N°
BILL OF LADING 1327-0000526404	DATE 05/04/2023

CUSTOMER PURCHASE ORDER NUMBER
SSW135523

SPECIFICATION / DATE or REVISION
 ASTM A6-17
 ASTM A709-21 GR50
 ASTM A992-20, A572-21
 CSA G40.21-13 345WM, 50W

CHEMICAL COMPOSITION		YS (MPa)		UTS (MPa)		Y/T rati (%)		G/L (Inches)		G/L (mm)		Elong. (%)	
C (%)	0.08	YS (MPa)	381	UTS (MPa)	487	Y/T rati (%)	0.780	G/L (Inches)	8.000	G/L (mm)	200.0	Elong. (%)	27.10
Mn (%)	0.90	YS (MPa)	375	UTS (MPa)	485	Y/T rati (%)	0.770	G/L (Inches)	8.000	G/L (mm)	200.0	Elong. (%)	29.30
P (%)	0.010												
S (%)	0.025												
Si (%)	0.24												
Cu (%)	0.23												
Ni (%)	0.08												
Cr (%)	0.17												
Mo (%)	0.023												
Sn (%)	0.005												
V (%)	0.001												
Nb (%)	0.018												
CEqVA6 (%)	0.29												

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 Gerdaul 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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 QUALITY DIRECTOR

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