



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

CUSTOMER PURCHASE ORDER NUMBER
 SSW128799

SALES ORDER 11980437/000110		CUSTOMER MATERIAL N°		BILL OF LADING 1327-0000482523		DATE 06/30/2022		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 16 X 40# / 410 X 60		DOCUMENT ID: 0000800020	
8413 CLINTON DR HOUSTON, TX 77029-3613 USA		8413 CLINTON DRIVE HOUSTON, TX 77029 USA						LENGTH 50'00"		PCS 4		WEIGHT 8,000 LB	
								SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345W/L 50W				HEAT / BATCH 59105560/10	

CHEMICAL COMPOSITION	C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqVA6 (%)
	0.10	1.03	0.016	0.013	0.19	0.30	0.09	0.18	0.023	0.007	0.001	0.023	0.001	0.34

MECHANICAL PROPERTIES	YS (MPa)	UTS (MPa)	YS (PSI)	UTS (PSI)	Y/T _{red} (%)	G/L (Inches)	G/L (mm)	Elong (%)
YS 0.2% (PSI)	56068	71589	81000	103000	0.780	8.000	200.0	24.60
	54901	70729	79000	101000	0.780	8.000	200.0	25.60

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.

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 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

8415 CLINTON DR
 HOUSTON, TX 77029-3613
 USA

8415 CLINTON DRIVE
 HOUSTON, TX 77029
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PCS
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WEIGHT
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HEAT / BATCH
 59105560/10

SPECIFICATION / DATE OF REVISION
 ASTM A6-17
 ASTM A709-18
 ASTM A992-20, A572-21
 CSA G40.21-13 345WML 50W

CHEMICAL COMPOSITION		P (%)	S (%)	SI (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqVA6 (%)
C (%)	Min (%)	0.016	0.013	0.19	0.30	0.09	0.18	0.023	0.007	0.001	0.023	0.001	0.34
MECHANICAL PROPERTIES		UTS (PSI)		YS (MPa)		UTS (MPa)		Y/T rail (%)		G/L (Inches)		G/L (mm)	
YS 0.2% (PSI)		71589		387		494		0.780		8.000		200.0	
56068		70729		378		488		0.780		8.000		200.0	
54901												Elong (%)	
												24.60	
												25.60	

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