

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

LP		SHAPE / SIZE Wide Flange Beam / 14 X 74# / 360 X 110		DOCUMENT ID: 0000916350
USA	USA	LENGTH 40'00"	WEIGHT 8,880 LB	HEAT / BATCH 58054457/02
SALES ORDER 12815858/000110		SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WML 50W		
CUSTOMER PURCHASE ORDER NUMBER SSW134673		CUSTOMER MATERIAL N°		
BILL OF LADING 1327-0000520370		DATE 03/27/2023		

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	Sa (%)	V (%)	Nb (%)	Al (%)	CEqA6 (%)
C (%)	0.09	0.99	0.021	0.26	0.27	0.09	0.12	0.022	0.006	0.001	0.027	0.000	0.30

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	YS (PSI)	UTS (PSI)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	52926	365	485	70346	8000	0.750	8.000	200.0	25.00
	51687	356	474	68717	8.000	0.750	8.000	200.0	29.00

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.

Mackay
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