

<b>GERDAU</b> US-ML-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA	<b>GRADE</b> A992/A572-50		<b>SHAPE / SIZE</b> Wide Flange Beam / 12 X 30# / 310 X 44.5		<b>DOCUMENT ID:</b> 0000883574
	<b>LENGTH</b> 40'00"	<b>PCS</b> 5	<b>WEIGHT</b> 6,000 LB	<b>HEAT / BATCH</b> 59107958/02	
<b>Sales Order</b> 12615038/000010	<b>SPECIFICATION / DATE of REVISION</b> ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W				
<b>CUSTOMER PURCHASE ORDER NUMBER</b> SSW133165	<b>BILL OF LADING</b> 1327-0000509816	<b>DATE</b> 01/24/2023	<b>CUSTOMER MATERIAL N°</b>		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqVA6 (%)
0.09	0.89	0.005	0.017	0.21	0.27	0.10	0.13	0.025	0.006	0.000	0.018	0.000	0.29

MECHANICAL PROPERTIES			
YS 0.2% (PSI)	YS (MPa)	UTS (PSI)	UTS (MPa)
53716	370	69305	478
53429	368	69098	476

MECHANICAL PROPERTIES			
Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
0.770	8.000	200.0	25.00
0.770	8.000	200.0	24.70

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.

*Shackay*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

*Wade A. ...*  
 WADE LUMPKINS  
 QUALITY ASSURANCE MGR