



CERTIFIED MATERIAL TEST REPORT

US-ML-PETERSBURG
 25801 HOFHEIMER WAY
 PETERSBURG, VA 23803-8905
 USA

SALES ORDER 11139259/000010		CUSTOMER MATERIAL N°		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W	
GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 12 X 106# / 310 X 158		DOCUMENT 1 0000336607	
LENGTH 60'00"	PCS 2	WEIGHT 12,720 LB	HEAT / BATCH 60138223/06		
CUSTOMER PURCHASE ORDER NUMBER SSW122925	BILL OF LADING 1330-0000166828	DATE 09/30/2021			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	1.20	0.021	0.027	0.25	0.32	0.11	0.19	0.030	0.008	0.004	0.019	0.002	0.37

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
55985	71460	386	493	0.780	8.000	200.0	25.00
52745	71880	364	496	0.730	8.000	200.0	27.00

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 Gerdaul possession. This material, including the billets, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Alice L. Pitchford
 ALICE PITCHFORD
 QUALITY ASSURANCE MGR.

Date: 1/24/2024 To: SENTRY SUPPLY dba SO#: A801887 Lr#: 1 PO#: PO246621-1 Part: W1210620 Qty: 1
 Heat#: 60138223* Tag: B11012324