

CERTIFIED MATERIAL TEST REPORT

GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 6 X 16# / 150 X 24.0	DOCUMENT ID: 0000568412
LENGTH 40' 00"	PCS 15	WEIGHT 9,600 LB
HEAT / BATCH 55082132/02		

SPECIFICATION / DATE of REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W	
CUSTOMER MATERIAL N° 000000000376160040	DATE 01/07/2023
SALES ORDER 12545494/000010	BILL OF LADING 1323-0000225878

**USA**

**USA**

US-ML-CARTERSVILLE  
384 OLD GRASSDALE ROAD NE  
CARTERSVILLE, GA 30121  
USA

CUSTOMER PURCHASE ORDER NUMBER  
4500543061

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CE <sub>qv</sub> A6 (%)
C (%)	0.12	0.93	0.014	0.033	0.20	0.15	0.15	0.043	0.010	0.002	0.007	0.34

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	Elong. (%)
YS 0.2% (PSI)	5500	383	508	0.750	8.000	25.20
	55300	381	506	0.750	8.000	26.70

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.

*Bhaskar*  
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