



CERTIFIED MATERIAL TEST REPORT

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

Table with 4 main sections: Material Properties (Grade, Shape/Size, Length, PCS, Weight, Heat/Batch), Identification (Sales Order, Customer Material N°), Specifications (ASTM A6-17, ASTM A709-21 GR50, ASTM A992-20, A572-21, CSA G40.21-13 345WM, 50W), and Administrative (Customer Purchase Order Number, Bill of Lading, Date).

Table with 14 columns: CHEMICAL COMPOSITION (C, Mn, P, S, Si, Cu, Ni, Cr, Mo, Sn, V, Nb, CEqvA6) and values (0.08, 1.06, 0.017, 0.027, 0.28, 0.30, 0.12, 0.12, 0.033, 0.011, 0.027, 0.001, 0.32).

Table with 7 columns: MECHANICAL PROPERTIES (YS 0.2% (PSI), UTS (PSI), YS (MPa), UTS (MPa), Y/T rati (%), G/L (Inches), Elong. (%)) and values (54100, 71500, 373, 493, 0.760, 8.000, 25.90; 53600, 71500, 370, 493, 0.750, 8.000, 25.30).

COMMENTS / NOTES
Gerdau's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact metalsrecycling@gerdau.com.

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 Yalamanchili
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Yan Wang
YAN WANG
QUALITY ASSURANCE MGR.

Phone: (770) 387 5718 Email: yan.wang@gerdau.com