



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

CUSTOMER PURCHASE ORDER NUMBER  
 SSW132989

SALES ORDER  
 12589651/000080

BILL OF LADING  
 1323-0000232679

DATE  
 03/29/2023

CUSTOMER MATERIAL N°

SPECIFICATION / DATE OF REVISION  
 ASTM A529-14, A572-15  
 ASTM A6-17, A36-14, ASME SA-36  
 ASTM A709-17, AASHTO M270-15  
 CSA G40.20-13/G40.21-13

GRADE  
 GGMULTI

SHAPE / SIZE  
 Flat Bar / 1/2 X 6 1/2

DOCUMENT ID:  
 0000592695

LENGTH  
 20'00"

WEIGHT  
 4,424 LB

HEAT / BATCH  
 55058260/02

CERTIFIED MATERIAL TEST REPORT

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	Nb (%)
C (%)	0.15	0.89	0.015	0.020	0.19	0.11	0.12	0.027	0.009	0.009

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	G/L (Inches)	Elong. (%)
YS 0.2% (PSI)	54500	376	525	8.000	27.30
	54900	379	521	8.000	27.10

COMMENTS / NOTES  
 This grade meets the requirements for the following grades:  
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50  
 CSA Grades: 44W; 50W  
 AASHTO Grades: M270-36; M270-50  
 ASME Grades: SA36

*Bhaskar*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

*yan wang*  
 YAN WANG  
 QUALITY ASSURANCE MGR.