



GERDAU

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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE GGMULTI	SHAPE / SIZE Angle / 8X8X5/8	DOCUMENT ID: 0000067355
SALES ORDER 4578312/000030		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 124,260 LB	HEAT / BATCH 55047477/03
CUSTOMER PURCHASE ORDER NUMBER 4506774772		BILL OF LADING 1323-0000083932		DATE 27.01.2017		
SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14,A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13						

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	V %	Nb %	N %	Pb %
0.16	0.90	0.021	0.019	0.20	0.33	0.12	0.22	0.032	0.018	0.001	0.0070	0.0040

CHEMICAL COMPOSITION
Sp %
0.012

MECHANICAL PROPERTIES					
Elong.	G/L Inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
22.50	8.000	71500	493	51000	352
22.80	8.000	75000	517	52800	364

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

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

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