



US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO ACEROS CORSA S A DE CV 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		CUSTOMER BILL TO ACEROS CORSA SA DE CV AV LA PRESA 2 TLALNEPANTLA,MEX 54187 Mexico		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 18 X 55# / 460 X 82		DOCUMENT ID: 0000425389		
SALES ORDER 8682419/000050		CUSTOMER MATERIAL N°		LENGTH 40'00"		PCS 16	WEIGHT 35.200 LB		HEAT / BATCH 58037519/06	
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-17 ASTM A992-11 (2015). A572-15 CSA G40.21-13 345WM				CUSTOMER PURCHASE ORDER NUMBER 4512363474		BILL OF LADING 1327-0000361295		DATE 06.03.2020		

CHEMICAL COMPOSITION														
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %		
0.07	0.90	0.010	0.044	0.24	0.32	0.11	0.14	0.016	0.005	0.002	0.021	0.003		

CHEMICAL COMPOSITION	
CE _{eqv} A6 %	0.28

MECHANICAL PROPERTIES			
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa
52749	68166	364	470
54879	70199	378	484
Y/T_rati %		G/L Inch	
0.770		8.000	
0.780		8.000	

MECHANICAL PROPERTIES	
G/L mm	Elong. %
200.0	24.90
200.0	23.10

COMMENTS / NOTES

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. Weld repair has not been performed on this material. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

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