



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

CERTIFICADO DE CALIDAD

E. RUIZ

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HB22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEM SHAPE_1 / 18 X 35# / 460 X 52	
SALES ORDER 87294/000180		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 12,600 LB	HEAT / BATCH 5905044006
CUSTOMER PURCHASE ORDER NUMBER 4500175956	BILL OF LADING 1327-0000010860	DATE 02.07.2012				

CHEMICAL COMPOSITION

C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.07	0.90	0.013	0.013	0.24	0.28	0.10	0.16	0.030	0.009	0.002	0.018	0.004

CHEMICAL COMPOSITION

CEqyA6 %
0.3

MECHANICAL PROPERTIES

YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
56.2	73.3	387	505	8.000	200.0
54.7	71.8	377	495	8.000	200.0

MECHANICAL PROPERTIES

Elong. %	Y/T rati %
26.60	0.767
27.10	0.762

COMMENTS / NOTES

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

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.

CERTIFICADO DE CALIDAD



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

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HB22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_1 / 18 X 35# / 460 X 52
SALES ORDER 87294/000180		LENGTH 40'00"	WEIGHT 2,800 LB	HEAT / BATCH 5905044306	
CUSTOMER PURCHASE ORDER NUMBER 4500175956		BILL OF LADING 1327-0000010860	DATE 02.07.2012	SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11	

CHEMICAL COMPOSITION												
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb	Al
%	%	%	%	%	%	%	%	%	%	%	%	%
0.07	0.93	0.017	0.026	0.29	0.30	0.09	0.12	0.027	0.010	0.002	0.018	0.004

CHEMICAL COMPOSITION	
CE _γ A6	%
0.3	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
57.1	72.2	394	498	8.000	200.0	
56.8	73.0	391	504	8.000	200.0	

MECHANICAL PROPERTIES		
Elong.	Y/T rati	
%	%	
24.80	0.791	
24.60	0.778	

COMMENTS / NOTES

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

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Tom Harrington
 TOM HARRINGTON
 QUALITY ASSURANCE MGR.



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

CERTIFICADO DE CALIDAD

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HB22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_1 / 18 X 35# / 460 X 52
SALES ORDER 87294/000180		LENGTH 40'00"		WEIGHT 22,400 LB	HEAT / BATCH 5905047703
CUSTOMER PURCHASE ORDER NUMBER 4500175956		BILL OF LADING 1327-0000010860		DATE 02.07.2012	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.07	0.90	0.012	0.012	0.25	0.26	0.08	0.11	0.027	0.009	0.001	0.019	0.003

CHEMICAL COMPOSITION	
CE _{Eq} A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
54.7	71.3	377	492	8.000	200.0
55.7	72.6	384	500	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T msi
24.60	0.767
24.70	0.767

COMMENTS / NOTES

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

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.



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

CERTIFICADO DE CALIDAD

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HB22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_1 / 18 X 35# / 460 X 52	
SALES ORDER 87294/000180		LENGTH 40'00"		WEIGHT 33,600 LB	HEAT / BATCH 5801041804	
CUSTOMER PURCHASE ORDER NUMBER 4500175956		BILL OF LADING 1327-000009783		DATE 26.06.2012		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.07	0.89	0.010	0.009	0.21	0.20	0.08	0.09	0.028	0.007	0.002	0.023	0.002	

CHEMICAL COMPOSITION	
CEqvA6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
56.8	72.5	391	500	8.000	200.0	
55.8	71.2	385	491	8.000	200.0	

MECHANICAL PROPERTIES		
Elong. %	Y/T ratio %	
25.20	0.783	
23.20	0.784	

COMMENTS / NOTES

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

Bhaskar

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington

TOM HARRINGTON
QUALITY ASSURANCE MGR.



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

CERTIFICADO DE CALIDAD

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV EX RENAULT ESTACION HB22 8385 CIUDAD DE FRAY BERNARDINO,HGO 43990 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_I / 18 X 35# / 460 X 52
SALES ORDER 87294/000180		LENGTH 40'00"		WEIGHT 98,000 LB	HEAT / BATCH 5801041906
CUSTOMER PURCHASE ORDER NUMBER 4500175956		BILL OF LADING 1327-0000009783		DATE 26.06.2012	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.08	0.97	0.008	0.012	0.25	0.15	0.08	0.08	0.028	0.006	0.002	0.020	0.002

CHEMICAL COMPOSITION
CE _{EqvA6} %
0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
58.4	74.2	403	512	8.000	200.0
58.3	75.1	402	518	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
26.60	0.787
23.70	0.776

COMMENTS / NOTES

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

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
TOM HARRINGTON
QUALITY ASSURANCE MGR.