



**CLIENTE PLESA ANAHUAC Y CIAS SA DE CV**  
**FACTURA CERTIFICADO DE CALIDAD**  
**FECHA 18/07/2011 02:47:30 p.m.**

El presente documento certifica que los productos aquí descritos cumplen y han sido fabricados, inspeccionados, muestreados y probados de acuerdo con los requisitos aplicables de la norma **ASTM A6/A6M, ASTM A36/M,36M-04 y ASTM A529 Grado 50**

Composición química	Propiedades físicas	
	A36	A529-50
Carbono, max, %	0.26	0.27
Manganeso, %	1.20	1.35
Fosforo, max, %	0.04	0.04
Azufre, max, %	0.05	0.05
Silicio, max, %	0.40	0.40
Cobre, min, %*	0.20	0.20

  

Propiedades físicas	Composición química	
	A36	A529-50
Límite Elástico Min (ksi)	36	50
Última Tensión (ksi)	58-80	70-100
Elongación 2" Min	21%	21%
Elongación 8" Min	20%	18%

\* Cuando el cobre es especificado

At. No. DE SERIE	PRODUCTO	COLADA	NORMA	C	Mn	P	S	Al	Si	Cu	Ni	Cr
01	1-20110718-1-029	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
02	1-20110718-1-030	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
03	1-20110718-1-031	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
04	1-20110718-1-032	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
05	1-20110718-1-033	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
06	1-20110718-1-034	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
07	1-20110718-1-035	SOL 3 1/4 20ft	000000098659 ASTM-A529-50	0.239	0.905	0.008	0.008	0.000	0.250	0.274	0.093	0.100
08	2-20110414-1-006	CAN 4 5.4 20ft	000000098228 A36/A529-50	0.243	0.949	0.008	0.006	0.000	0.208	0.172	0.057	0.061
09	2-20110414-1-008	CAN 4 5.4 20ft	000000098228 A36/A529-50	0.243	0.949	0.008	0.006	0.000	0.208	0.172	0.057	0.061
10	2-20110415-1-040	CAN 4 5.4 20ft	000000098232 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
11	2-20110415-1-080	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
12	2-20110415-1-103	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
13	2-20110415-1-104	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
14	2-20110415-1-105	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
15	2-20110415-1-106	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
16	2-20110415-1-111	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
17	2-20110415-1-113	CAN 4 5.4 20ft	000000098230 A36/A529-50	0.244	0.911	0.008	0.020	0.000	0.230	0.189	0.060	0.075
18	2-20110415-1-117	CAN 4 5.4 20ft	000000166196 ASTM-A529-50	0.234	0.920	0.009	0.032	0.000	0.220	0.261	0.086	0.059
19	2-20110415-1-119	CAN 4 5.4 20ft	000000166196 ASTM-A529-50	0.234	0.920	0.009	0.032	0.000	0.220	0.261	0.086	0.059
20	2-20110415-1-121	CAN 4 5.4 20ft	000000166196 ASTM-A529-50	0.234	0.920	0.009	0.032	0.000	0.220	0.261	0.086	0.059
21	2-20110415-1-123	CAN 4 5.4 20ft	000000166196 ASTM-A529-50	0.234	0.920	0.009	0.032	0.000	0.220	0.261	0.086	0.059
22	2-20110415-1-125	CAN 4 5.4 20ft	000000166196 ASTM-A529-50	0.234	0.920	0.009	0.032	0.000	0.220	0.261	0.086	0.059
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**CONTROL DE CALIDAD**

**Aseguramiento de Calidad**

El compromiso de PERFILES COMERCIALES SIGOSA S.A. DE C.V., es lograr la satisfacción de nuestros clientes a través de la mejora continua de nuestros productos estructurales: ángulos soleras y canales en calidad, servicio y precio mediante un sistema de gestión de calidad, el uso eficiente de los recursos y la integración de un gran equipo de trabajo.