



**Aceria Ramos Arizpe**  
Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente  
C.P./ZIP 25900 RAMOS ARIZPE, COAHUILA  
Tel/Phone (+52) 01 818 368 1111  
MX 800 831 5700, USA 1800 332 2376,  
customerdea@deacero.com

**EXCELENCIA EN CALIDAD**

**/ CERTIFICATE OF TEST AN ANALYSIS**

No. Certificado / Certificate No:	7863 - 24970773 - 22
Fecha / Date:	16/05/2024

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	
Cliente / Customer:	SUPERIOR SUPPLY AND STEEL	Cliente / Customer:	BEAUMONT
Dirección / Address:	318 NORTH CITIES SERVICE HWY	Dirección / Address:	4855 FANNETT ROAD
Ciudad / City:	SULPHUR	Ciudad / City:	BEAUMONT
Teléfono / Phone:	337 625 2300	Estado / State:	TX
Correo Electrónico / eMail:	clabauve@supstl.com	Pais / Country:	USA C.P./ZIP 70663
DATOS DEL EMBARQUE / SHIPPING INFORMATION		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
Núm. Viaje / Travel No:	7863	Núm. Viaje / Travel No:	7863
Núm. Factura / Invoice No:	UK9348	Núm. Factura / Invoice No:	UK9348
Pedido / Customer Order No:	24970773	Pedido / Customer Order No:	24970773
Núm. Plan / Shipping Plan:	7990	Núm. Plan / Shipping Plan:	7990
Fecha Embarque / Date:	16/05/2024	Fecha Embarque / Date:	16/05/2024
Orden de Compra / Purchase Order:	P0244911-0	Orden de Compra / Purchase Order:	P0244911-0

**COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)**

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	CE
42460	5971	63048	FLAT BAR 1" x 1/4" A-36 20' 2.0T ASTM A6/A36	0.16	0.67	0.19	0.009	0.008	0.20	0.098	0.000	0.025	0.007	0.001	0.006	0.000	0.009	0.319
48510	12032	63031	ANGLE 1" x 1" x 1/4" A36/A572-50 20' 2.0T	0.20	0.72	0.21	0.013	0.005	0.28	0.250	0.085	0.022	0.009	0.001	0.006	0.001	0.009	0.365
65170	73068	60653	CHANNEL 6" x 10.5 A36/A572-50 20' 2.0T *MA*	0.21	0.91	0.18	0.010	0.009	0.27	0.117	0.105	0.033	0.012	0.011	0.012	0.011	0.008	0.391
73505	82188	60651	CHANNEL 6" x 8.2 A36/A572-50 20' 2.0T *MA*	0.20	0.92	0.20	0.009	0.004	0.22	0.092	0.078	0.020	0.010	0.009	0.011	0.009	0.009	0.376
73506	82185	60651	CHANNEL 6" x 8.2 A36/A572-50 20' 2.0T *MA*	0.21	0.92	0.20	0.008	0.004	0.22	0.092	0.075	0.020	0.010	0.009	0.012	0.010	0.008	0.386

**PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES**

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm <sup>2</sup> AVG	TS PSI AVG	% Elong / Elong AVG	LF kg/mm <sup>2</sup> AVG	YS PSI AVG	P. Doblez / Bend Test
42460	5971	63048	FLAT BAR 1" x 1/4" A-36 20' 2.0T ASTM A6/A36	1" x 1/4"	1	50.08	71212.23	31.20	36.20	51478.53	Cumple / Successfully
48510	12032	63031	ANGLE 1" x 1" x 1/4" A36/A572-50 20' 2.0T	1" x 1" x 1/4"	4	50.53	71850.68	28.44	39.99	56863.42	Cumple / Successfully
65170	73068	60653	CHANNEL 6" x 10.5 A36/A572-50 20' 2.0T *MA*	6"	1	52.40	74511.13	32.34	41.40	58878.31	Cumple / Successfully
73505	82188	60651	CHANNEL 6" x 8.2 A36/A572-50 20' 2.0T *MA*	6"	5	54.02	76826.05	30.90	39.74	56516.47	Cumple / Successfully
73506	82185	60651	CHANNEL 6" x 8.2 A36/A572-50 20' 2.0T *MA*	6"	1	53.00	75369.99	30.51	39.61	56324.51	Cumple / Successfully

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011, y a las normas dimensionales NMX B252, ASTM A6/A6M-2012.ASTM A6/A36/A529-50 / We certify that this material has been produced hot-rolled carbon, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.ASTM A6/A36/A529-50



**MANUEL MARCELINO GARCIA RAMOS**  
Gerente de Aseguramiento de Calidad / Quality Assurance Manager