

**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

/ CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / Certificate No:	8106 - 25331340 - 22
Fecha / Date:	12/09/2024

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
Cliente / Customer: SUPERIOR SUPPLY AND STEEL		Cliente / Customer: BEAUMONT		Núm. Viaje / Travel No: 8106	
Dirección / Address: 318 NORTH CITIES SERVICE HWY		Dirección / Address: 4855 FANNETT ROAD		Núm. Factura / Invoice No: UK9647	
Ciudad / City: SULPHUR	Estado / State: , LA	Ciudad / City: BEAUMONT	Estado / State: , TX	Pedido / Customer Order No: 25331340	
Teléfono / Phone: 337 625 2300		País / Country: USA C.P./ZIP 70663		Núm. Plan / Shipping Plan: 8228	
Correo Electrónico / eMail: clabaue@supstl.com				Fecha Embarque / Date: 12/09/2024	
				Orden de Compra / Purchase Order: P0249822-1	

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
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
71043	79733	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.23	0.70	0.19	0.009	0.012	0.22	0.113 5	0.084 0	0.021 0	0.010 0	0.000 9	0.005 0	0.001 4	0.008 8	0.372 8
73130	81968	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.23	0.78	0.21	0.009	0.013	0.21	0.143 5	0.105 0	0.024 0	0.010 0	0.000 6	0.003 7	0.000 6	0.008 5	0.392 5
75200	84132	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.23	0.73	0.18	0.006	0.003	0.20	0.073 0	0.074 0	0.020 0	0.009 0	0.000 7	0.005 6	0.001 7	0.008 5	0.369 8
75200	84133	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.23	0.73	0.18	0.006	0.003	0.20	0.073 0	0.074 0	0.020 0	0.009 0	0.000 7	0.005 6	0.001 7	0.008 5	0.369 8
75201	84130	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.23	0.73	0.18	0.007	0.003	0.20	0.073 5	0.074 0	0.019 0	0.008 5	0.000 5	0.004 0	0.001 2	0.009 0	0.372 5
75201	84131	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.23	0.73	0.18	0.007	0.003	0.20	0.073 5	0.074 0	0.019 0	0.008 5	0.000 5	0.004 0	0.001 2	0.009 0	0.372 5

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT	TS	% Elong / Elong	LF	YS	P. Doble / Bend Test
						kg/mm ²	MPa	AVG	AVG	AVG	AVG
71043	79733	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 3/8"	3	52.96	519.39	32.99	40.74	399.60	Cumple / Successfully
73130	81968	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 3/8"	6	53.77	527.29	32.99	41.30	405.09	Cumple / Successfully
75200	84132	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 3/8"	18	52.40	513.91	32.87	40.18	394.10	Cumple / Successfully
75200	84133	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 3/8"	12	52.40	513.91	32.65	40.18	394.10	Cumple / Successfully
75201	84130	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 3/8"	1	52.40	513.91	32.63	40.18	394.10	Cumple / Successfully
75201	84131	62285	FLAT BAR 4" x 3/8" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 3/8"	2	52.40	513.91	32.77	40.18	394.10	Cumple / Successfully

OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION

/ %Elongation specimen 8 in [200 mm]	
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$$CE=[C]+((Mn)+[Si])/6+((Cu)+[Ni])/15+((Cr)+[Mo]+[V]+[Nb])/5)$$

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 / The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard:ASTM A6/A36/A529-50



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



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OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION	
/ 1 ppm = 0.0001%	
/ Coating Type: Uncoated	
/ Country of Origin and Exporter: México	
/ Integrated Accessories: Strips	
/ Melted and Poured in Mexico	
/ Presentation: Package	
/ Type of Finish: Smooth	
/ Type of Steel: Carbon Steel Hot Rolled	



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 / The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard:ASTM A6/A36/A529-50

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