



EXCELENCIA EN CALIDAD

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/ CERTIFICATE OF TEST AN ANALYSIS

No. Certificado / Certificate No:	7661 - 24970773 - 22
Fecha / Date:	22/02/2024

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: 7661	
Dirección / Address: 318 NORTH CITIES SERVICE HWY		Dirección / Address: 4855 FANNETT ROAD		Núm. Factura / Invoice No: UK9130	
Ciudad / City: SULPHUR	Estado / State: , LA	Ciudad / City: BEAUMONT	Estado / State: , TX	Pedido / Customer Order No: 24970773	
Teléfono / Phone: 337 625 2300	País / Country: USA C.P./ZIP 70663			Núm. Plan / Shipping Plan: 7784	
Correo Electrónico / eMail: clabauve@supstl.com				Fecha Embarque / Date: 22/02/2024	
				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
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
70683	79155	60639	ANGLE 4" x 4" x 3/8" A36/529-50 20' 2.0T	0.22	0.70	0.20	0.007	0.004	0.21	0.089	0.085	0.022	0.009	0.000	0.004	0.001	0.009	0.355
59846	66762	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.23	0.75	0.19	0.009	0.020	0.23	0.097	0.067	0.014	0.010	0.001	0.004	0.002	0.009	0.383
70787	79190	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.20	0.71	0.21	0.007	0.010	0.16	0.081	0.062	0.021	0.007	0.001	0.005	0.000	0.008	0.339
70787	79191	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.20	0.71	0.21	0.007	0.010	0.16	0.081	0.062	0.021	0.007	0.001	0.005	0.000	0.008	0.339

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundles	RT	TS	% Elong /	LF	YS	P. Doble /
						kg/mm²	PSI	Elong	kg/mm²	PSI	Bend Test
						AVG	AVG	AVG	AVG	AVG	
70683	79155	60639	ANGLE 4" x 4" x 3/8" A36/529-50 20' 2.0T	4" x 4" x 3/8"	4	52.97	75331.59	30.11	39.79	56587.57	Cumple / Successfully
59846	66762	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	1	50.49	71805.18	29.52	39.50	56173.78	Cumple / Successfully
70787	79190	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	2	52.47	74619.20	30.11	39.95	56812.23	Cumple / Successfully
70787	79191	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	2	52.47	74619.20	30.11	39.95	56812.23	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 / 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