

**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 01 800 021 3322, USA 1800 332 2376

**/ CERTIFICATE OF TEST AND ANALYSIS**

No. Certificado / Certificate No:	312142 - 25379543
Fecha / Date:	02/09/2024

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	DATOS DEL EMBARQUE / SHIPPING INFORMATION
Cliente / Customer: DEACERO USA INC (CEDI HOUSTON TEX TUBE)		Cliente / Customer: DEACERO USA INC (CEDI HOUSTON TEX TUBE)	Núm. Viaje / Travel No: 312142
Dirección / Address: 8411 IRVINGTON BLVD		Dirección / Address: 1755 FEDERAL RD	Núm. Factura / Invoice No: FQ220326
Ciudad / City: HOUSTON	Estado / State: , TX	Ciudad / City: HOUSTON	Estado / State: , TX
Teléfono / Phone: 332 2376			Pedido / Customer Order No: 25379543
País / Country: U.S.A. C.P./ZIP 77022-3			Núm. Plan / Shipping Plan: 353217
Correo Electrónico / eMail:			Fecha Embarque / Date: 01/09/2024

**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	PPM Nb	PPM N	CE
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
75437	39848	60615	ANGLE 1 1/2" x 1 1/2" x 1/4" A36/529-50 20' 2.0T	0.23	0.70	0.21	0.006	0.008	0.28	0.0920	0.0890	0.0190	0.0125	0.0006	0.0030	10	89	0.3770

**PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES**

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm <sup>2</sup>	TS MPa	% Elong / Elong	LF kg/mm <sup>2</sup>	YS MPa	P. Doble / Bend Test
						AVG	AVG	AVG	AVG	AVG	
75437	39848	60615	ANGLE 1 1/2" x 1 1/2" x 1/4" A36/529-50 20' 2.0T	1 1/2" x 1 1/2" x 1/4"	5	50.60	496.23	31.63	39.96	391.87	Cumple / Successfully

**OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION**

/ %Elongation specimen 8 in [200 mm]	
/ 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	

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