



EXCELENCIA EN CALIDAD

Aceria Ramos Arizpe
 CARRETERA MONCLOVA KM 4 NUMERO 2125
 TRAMO SANTA CRUZ OJO CALIENTE
 C.P./ZIP RAMOS ARIZPE, COAHUILA
 Tel/Phone (+52) 01 818 368 1111
 MX 01 800 021 3322, USA 1800 332 2376

**CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST
 AND ANALYSIS**

Hecho en México / Made in Mexico

No. Certificado / Certificate No.	175364 - 22702556
Fecha / Date:	07/06/2020

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	
Cliente / Customer: PLESA ANAHUAC Y CIA SA DE CV		Cliente / Customer: MATRIZ TULTITLAN	
Direccion / Address: AV VALLE DE LAS ALAMEDAS 66 0 SAN FRANCISCO CHILPAN		Direccion / Address: AV VALLE DE LAS ALAMEDAS 66 0 66 SAN FRANCISCO CHILPAN	
Ciudad / City: TULTITLAN	Estado / State: EDO. DE MEXICO	Ciudad / City: TULTITLAN	Estado / State: EDO. DE MEXICO
Teléfono / Phone: 10838570	País / Country: MEXICO C.P./ZIP 54940		
Correo Electrónico / eMail: rcebailos@pleasa.com.mx			
		Datos del Embarque / Shipping Information	
		Núm. Viaje / Travel No: 175364	
		Núm. Factura / Invoice No: FQ105725	
		Pedido / Customer Order No: 22702556	
		Núm. Plan / Shipping Plan: 187223	
		Fecha Embarque / Date: 07/06/2020	
		Orden de Compra / Purchase Order: 29875	

Cota / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	COMPOSICION QUIMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)															
				% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	PPM Nb	PPM N	CE	
42263	46867	64864	SOLETA 6" x 3/8" A36/529-50 6.10m 2.0T	AVG	0.72	0.19	0.010	0.012	0.22	0.09	0.06	0.019	0.008	0.001	0.005	10	88	0.34	
42264	46866	64864	SOLETA 6" x 3/8" A36/529-50 6.10m 2.0T	AVG	0.74	0.21	0.009	0.008	0.19	0.06	0.05	0.019	0.006	0.001	0.004	8	84	0.34	
39421	3451	60288	ANGULO L1 1/2" x 1 1/2" x 1/4" A-36 P 6.10m 2.0T	AVG	0.79	0.21	0.008	0.002	0.24	0.10	0.10	0.022	0.010	0.001	0.005	11	96	0.37	
39422	3450	60288	ANGULO L1 1/2" x 1 1/2" x 1/4" A-36 P 6.10m 2.0T	AVG	0.76	0.18	0.006	0.005	0.23	0.09	0.08	0.021	0.011	0.001	0.003	9	98	0.35	
41569	4985	64734	ANGULO L1 1" x 1" x 1.09" A-36 P 6.00m	AVG	0.65	0.20	0.013	0.008	0.27	0.10	0.07	0.026	0.009	0.001	0.005	22	88	0.30	
41569	4986	64734	ANGULO L1 1" x 1" x 1.09" A-36 P 6.00m	AVG	0.65	0.20	0.013	0.008	0.27	0.10	0.07	0.026	0.009	0.001	0.005	22	88	0.30	
41569	4988	64734	ANGULO L1 1" x 1" x 1.09" A-36 P 6.00m	AVG	0.65	0.20	0.013	0.008	0.27	0.10	0.07	0.026	0.009	0.001	0.005	22	88	0.30	
43280	47575	60357	ANGULO L1 3" x 3" x 3/16" A-36 P 6.10m	AVG	0.74	0.19	0.011	0.011	0.24	0.03	0.07	0.022	0.011	0.001	0.003	18	86	0.34	
43285	47577	60357	ANGULO L1 3" x 3" x 3/16" A-36 P 6.10m	AVG	0.69	0.20	0.015	0.014	0.29	0.04	0.09	0.019	0.012	0.001	0.003	16	93	0.30	

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Cota / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT		TS		% Elong / Elong	LF	YS	P. Doblez / Bend Test
						kg/mm ² / PSI	AVG	AVG	AVG				
42263	46867	64864	SOLETA 6" x 3/8" A36/529-50 6.10m 2.0T NMX B252/ASTM A6	6" x 3/8"	3	51.3	73055.3	32.3	39.8	32.3	56764.8	Cumple / Successfully	
42264	46866	64864	SOLETA 6" x 3/8" A36/529-50 6.10m 2.0T NMX B252/ASTM A6	6" x 3/8"	2	50.3	71692.1	32.3	39.9	32.3	56858.8	Cumple / Successfully	
39421	3451	60288	ANGULO L1 1/2" x 1 1/2" x 1/4" A-36 P 6.10m 2.0T	1 1/2" x 1 1/2" x 1/4"	1	42.6	60636.8	31.6	26.5	31.6	37789.1	Cumple / Successfully	
39422	3450	60288	ANGULO L1 1/2" x 1 1/2" x 1/4" A-36 P 6.10m 2.0T	1 1/2" x 1 1/2" x 1/4"	1	41.9	59758.8	31.4	27.1	31.4	38667.1	Cumple / Successfully	

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricacion 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, / We certify that this material has been produced, 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.



Juan Alejandro Galvan Garcia

JUAN ALEJANDRO GALVAN GARCIA
 Gerente de Aseguramiento de Calidad / Quality Assurance Manager





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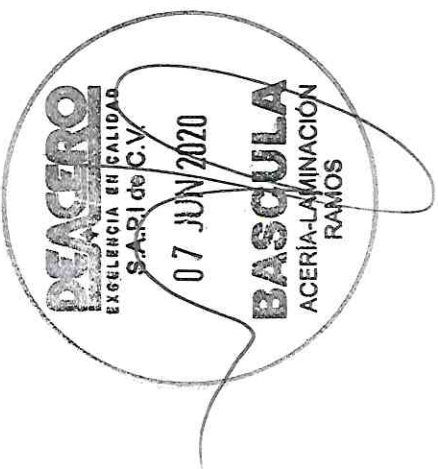
No. Certificado / Certificate No.:	175364 - 22702556
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PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kgf/mm ² AVG	TS PSI AVG	% Elong / Elong AVG	LF kgf/mm ² AVG	YS PSI AVG	P. Doblez / Bend Test
41569	4985	64734	ANGULO LI 1" x 1" x .109" A-36 P	1" x 1" x .109"	6	54.0	76978.6	30.8	26.4	37703.8	Cumple / Successfully
41569	4986	64734	ANGULO LI 1" x 1" x .109" A-36 P	1" x 1" x .109"	3	52.4	74666.2	30.6	36.7	52266.7	Cumple / Successfully
41569	4988	64734	ANGULO LI 1" x 1" x .109" A-36 P	1" x 1" x .109"	2	50.2	71549.8	30.6	36.2	51609.3	Cumple / Successfully
43280	47575	60357	ANGULO LI 3" x 3" x 3/16" A-36 P	3" x 3" x 3/16"	1	52.3	74526.7	32.3	36.9	52566.9	Cumple / Successfully
43285	47577	60357	ANGULO LI 3" x 3" x 3/16" A-36 P	3" x 3" x 3/16"	1	52.3	74526.7	32.3	36.9	52566.9	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 / We certify that this material has been produced, 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.



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