

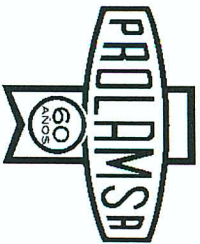
www.prolamsa.com

**CERTIFICADO DE CALIDAD / MILL TEST REPORT**

CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURAINVOICE
Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P. 54900	Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P. 54900	227284
		FECHADATE 11/12/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	%C	%Mn	%P	%S	%Si
4500113226	10137106-60	0003107506	0009883250	306070	CUAD 2.500 0.2500 CGBSDPR	6096 mm	0.1400	0.4500	0.0050	0.0050	0.0050
4500113226	10137106-60	0003107506	0009883221	306070	CUAD 2.500 0.2500 CGBSDPR	6096 mm	0.1400	0.4500	0.0050	0.0050	0.0050
4500112429	10137789-110	0003107506	0009883211	306070	CUAD 2.500 0.2500 CGBSDPR	6096 mm	0.1400	0.4500	0.0050	0.0050	0.0050
4500112429	10137789-290	0009296316	0009887159	300292	RED 0.840 0.1046 CCCSDN STK C40 6.401	6401 mm	0.0787	0.5730	0.0177	0.0097	0.0100
4500112429	10137789-290	0009685758	0009886437	300292	RED 0.840 0.1046 CCCSDN STK C40 6.401	6401 mm	0.0848	0.3348	0.0152	0.0133	0.0063
4500112429	10137789-290	0009685758	0009886584	300292	RED 0.840 0.1046 CCCSDN STK C40 6.401	6401 mm	0.0848	0.3348	0.0152	0.0133	0.0063
4500113706	10137804-60	0009753207	0009886773	300254	PC 8.00X2.75 0.0747 CCCSDR STK 8.000	8000 mm	0.0896	0.5958	0.0099	0.0113	0.0083
4500113706	10137804-60	0009753207	0009886456	300254	PC 8.00X2.75 0.0747 CCCSDR STK 8.000	8000 mm	0.0896	0.5958	0.0099	0.0113	0.0083
4500113706	10137804-60	0009753207	0009886460	300254	PC 8.00X2.75 0.0747 CCCSDR STK 8.000	8000 mm	0.0896	0.5958	0.0099	0.0113	0.0083
4500113706	10137804-60	0009753209	0009886174	300254	PC 8.00X2.75 0.0747 CCCSDR STK 8.000	8000 mm	0.0864	0.5856	0.0166	0.0180	0.0063
4500113706	10137804-160	0009685758	0009886502	300292	RED 0.840 0.1046 CCCSDN STK C40 6.401	6401 mm	0.0848	0.3348	0.0152	0.0133	0.0063
4500113706	10137804-160	0009722531	0009886101	300292	RED 0.840 0.1046 CCCSDN STK C40 6.401	6401 mm	0.0945	0.3427	0.0136	0.0143	0.0078
4500113706	10137804-160	0009685758	0009886818	300292	RED 0.840 0.1046 CCCSDN STK C40 6.401	6401 mm	0.0848	0.3348	0.0152	0.0133	0.0063

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	DUREZA/ (HRB)	TENSION/ TENSILE (KSI)	CEDENCIA/ YIELD (KSI)	ELONGACION/ (%)	ESTANDAR/ STANDARD	COLADA/ HEAT	HECHO/ MADE
4500113226	10137106-60	0003107506	0009883250	75	62	52	26	A500 Grado B	41965	Made in Mexico
4500113226	10137106-60	0003107506	0009883221	75	62	52	26	A500 Grado B	41965	Made in Mexico
4500112429	10137789-110	0003107506	0009883211	75	62	52	26	A500 Grado B	41965	Made in Mexico
4500112429	10137789-290	0009296316	0009887159	50	45	33	24	A513	442417	Made in Mexico
4500112429	10137789-290	0009685758	0009886437	50	59	45	44	A513	148533	Made in Mexico
4500112429	10137789-290	0009685758	0009886584	50	59	45	44	A513	148533	Made in Mexico
4500112429	10137789-290	0009685758	0009886709	50	59	45	44	A513	148533	Made in Mexico
4500113706	10137804-60	0009753207	0009886773	50	45	33	24	A513	249333	Made in Mexico
4500113706	10137804-60	0009753207	0009886456	50	45	33	24	A513	249333	Made in Mexico
4500113706	10137804-60	0009753207	0009886460	50	45	33	24	A513	249333	Made in Mexico
4500113706	10137804-60	0009753209	0009886174	50	45	33	24	A513	445174	Made in Mexico
4500113706	10137804-160	0009685758	0009886502	50	59	45	44	A513	148533	Made in Mexico
4500113706	10137804-160	0009722531	0009886101	50	61	43	44	A513	249066	Made in Mexico
4500113706	10137804-160	0009685758	0009886818	50	59	45	44	A513	148533	Made in Mexico



www.prolamsa.com

**CERTIFICADO DE CALIDAD / MILL TEST REPORT**

**CLIENTE / SOLD TO**

Aceromex, S.A. de C.V.  
Vía José López Portillo No. 12 Bis  
San Francisco Chilpan  
Tultitlan MEX C.P. 54900

**DESTINATARIO/SHIP TO**

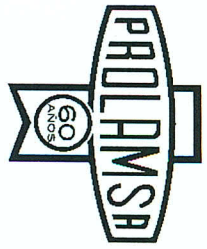
Aceromex, S.A. de C.V.  
Vía José López Portillo No. 12 Bis  
San Francisco Chilpan  
Tultitlan MEX C.P. 54900

**FACTURA/INVOICE**  
227284

**FECHA/DATE**  
11/12/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS			HECHO/ MADE	
							%C	%Mn	%P	%S	%Si
4500114204	10138387-20	0009614592	0009787123	300265	PC 12.0X3.50 0.0747 CCCSDPR STK 12.000	12000 mm	0.0854	0.6057	0.0169	0.0178	0.0097
4500114204	10138387-20	0009521505	0009787126	300265	PC 12.0X3.50 0.0747 CCCSDPR STK 12.000	12000 mm	0.0750	0.5854	0.0128	0.0101	0.0095
4500114204	10138387-100	0009241187	0009474830	311216	CUAD 3.000 0.0747 CCCSDPR STK 6.000	6000 mm	0.0914	0.3251	0.0178	0.0200	0.0060
4500114204	10138387-100	0009241187	0009474839	311216	CUAD 3.000 0.0747 CCCSDPR STK 6.000	6000 mm	0.0914	0.3251	0.0178	0.0200	0.0060
4500114204	10138387-100	0009653149	0009662282	311216	CUAD 3.000 0.0747 CCCSDPR STK 6.000	6000 mm	0.1000	0.3107	0.0108	0.0178	0.0081
4500114204	10138387-100	0009653149	0009662252	311216	CUAD 3.000 0.0747 CCCSDPR STK 6.000	6000 mm	0.1000	0.3107	0.0108	0.0178	0.0081
4500114204	10138387-120	0009423365	0009581773	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0891	0.3269	0.0128	0.0143	0.0068
4500114204	10138387-120	0009435079	0009582158	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0916	0.3315	0.0134	0.0105	0.0066
4500114204	10138387-120	0009430735	0009581611	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0856	0.3260	0.0120	0.0144	0.0077
4500114204	10138387-120	0009430735	0009581598	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0856	0.3260	0.0120	0.0144	0.0077
4500114204	10138387-120	0009301775	0009743785	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0930	0.3270	0.0235	0.0186	0.0077
4500114204	10138387-120	0009301775	0009743768	311220	CUAD 4.000 0.0747 CCCSDP STK 6.000	6000 mm	0.0930	0.3270	0.0235	0.0186	0.0077
4500114204	10138387-180	0009788581	0009851551	300264	RED 1.315 0.0747 CCCSDN STK C30 6.096	6096 mm	0.0971	0.3402	0.0112	0.0151	0.0078
4500114204	10138387-180	0009788581	0009851553	300264	RED 1.315 0.0747 CCCSDN STK C30 6.096	6096 mm	0.0971	0.3402	0.0112	0.0151	0.0078

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/ MECHANICAL			PROPERTIES			ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDECENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)					
4500114204	10138387-20	0009614592	0009787123	50	45	33	24			444232	Made in Mexico	
4500114204	10138387-20	0009521505	0009787126	50	45	33	24			147612	Made in Mexico	
4500114204	10138387-100	0009241187	0009474830	50	45	33	24			441931	Made in Mexico	
4500114204	10138387-100	0009241187	0009474839	50	45	33	24			441931	Made in Mexico	
4500114204	10138387-100	0009653149	0009662282	50	45	33	24			444456	Made in Mexico	
4500114204	10138387-100	0009653149	0009662252	50	45	33	24			444456	Made in Mexico	
4500114204	10138387-120	0009423365	0009581773	50	45	33	24			146820	Made in Mexico	
4500114204	10138387-120	0009435079	0009582158	50	45	33	24			443251	Made in Mexico	
4500114204	10138387-120	0009430735	0009581611	50	58	43	43			443253	Made in Mexico	
4500114204	10138387-120	0009430735	0009581598	50	58	43	43			443253	Made in Mexico	
4500114204	10138387-120	0009301775	0009743785	50	45	33	24			442497	Made in Mexico	
4500114204	10138387-120	0009301775	0009743768	50	45	33	24			442497	Made in Mexico	
4500114204	10138387-180	0009788581	0009851551	.0000	45	33	24			249498	Made in Mexico	
4500114204	10138387-180	0009788581	0009851553	.0000	45	33	24			249498	Made in Mexico	



www.prolamsa.com

**CERTIFICADO DE CALIDAD / MILL TEST REPORT**

**CLIENTE / SOLD TO**

Aceromex, S.A. de C.V.  
 Vía José López Portillo No. 12 Bis  
 San Francisco Chilpan  
 Tultitlan MEX C.P.54900

**DESTINATARIO/SHIP TO**

Aceromex, S.A. de C.V.  
 Vía José López Portillo No. 12 Bis  
 San Francisco Chilpan  
 Tultitlan MEX C.P. 54900

**FACTURA/INVOICE**  
 227284

**FECHADATE**  
 11/12/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	%C	%Mn	%P	%S	%SI
4500114204	10138387-180	0009784303	0009851826	300264	RED 1.315 0.0747 CCCSDN STK C30 6.096	6096 mm	0.0946	0.3312	0.0216	0.0147	0.0058
4500114204	10138387-180	0009787876	0009851470	300264	RED 1.315 0.0747 CCCSDN STK C30 6.096	6096 mm	0.0829	0.3539	0.0238	0.0134	0.0090
4500114204	10138387-180	0009788581	0009851549	300264	RED 1.315 0.0747 CCCSDN STK C30 6.096	6096 mm	0.0971	0.3402	0.0112	0.0151	0.0078
4500114204	10138387-240	0009755244	0009873053	300145	RECT 3.00X1.50 0.0478 FCCM1PR STK 6.000	6000 mm	0.0540	0.2690	0.0030	0.0020	0.0140
4500114204	10138387-240	0009756434	0009873324	300145	RECT 3.00X1.50 0.0478 FCCM1PR STK 6.000	6000 mm	0.0510	0.2710	0.0040	0.0020	0.0170
4500114204	10138387-200	0009859432	0009887382	300328	RED 2.375 0.1350 CCCSDN STK 6.401	6401 mm	0.0906	0.3177	0.0231	0.0056	0.0112
4500114204	10138387-200	0009859432	0009887315	300328	RED 2.375 0.1350 CCCSDN STK 6.401	6401 mm	0.0906	0.3177	0.0231	0.0056	0.0112
4500114204	10138387-200	0009859432	0009887311	300328	RED 2.375 0.1350 CCCSDN STK 6.401	6401 mm	0.0906	0.3177	0.0231	0.0056	0.0112
4500114204	10138387-200	0009859432	0009887394	300328	RED 2.375 0.1350 CCCSDN STK 6.401	6401 mm	0.0906	0.3177	0.0231	0.0056	0.0112
4500114204	10138387-200	0009859432	0009887403	300328	RED 2.375 0.1350 CCCSDN STK 6.401	6401 mm	0.0906	0.3177	0.0231	0.0056	0.0112
4500114204	10138387-200	0009859432	0009887355	300328	RED 2.375 0.1350 CCCSDN STK 6.401	6401 mm	0.0906	0.3177	0.0231	0.0056	0.0112

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/ MECHANICAL		PROPIERTIES		ESTANDAR/ STANDARD	COLADA/ HEAT	HECHO / MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
4500114204	10138387-180	0009784303	0009851826	.0000	45	33	24	A513	249373	Made in Mexico
4500114204	10138387-180	0009787876	0009851470	.0000	45	33	24	A513	249382	Made in Mexico
4500114204	10138387-180	0009788581	0009851549	.0000	45	33	24	A513	249498	Made in Mexico
4500114204	10138387-240	0009755244	0009873053	50	45	33	24	A513	1409222360	Made in Mexico
4500114204	10138387-240	0009756434	0009873324	50	45	33	24	A513	1409221830	Made in Mexico
4500114204	10138387-200	0009859432	0009887382	50	45	33	24	A500	1409221830	Made in Mexico
4500114204	10138387-200	0009859432	0009887315	50	45	33	24	A500	445803	Made in Mexico
4500114204	10138387-200	0009859432	0009887311	50	45	33	24	A500	445803	Made in Mexico
4500114204	10138387-200	0009859432	0009887394	50	45	33	24	A500	445803	Made in Mexico
4500114204	10138387-200	0009859432	0009887403	50	45	33	24	A500	445803	Made in Mexico
4500114204	10138387-200	0009859432	0009887355	50	45	33	24	A500	445803	Made in Mexico