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CERTIFICADO DE CALIDAD / MILL TEST REPORT

CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURA/INVOICE
Plesa Anahuac y Cias, S.A. de C.V. Av. Valle de las Alamedas No. 66-0 San Francisco Chilpan Tultitlan MEX C.P.54940	Plesa Anahuac y Cias, S.A. de C.V. Av. Valle de las Alamedas No. 66-0 San Francisco Chilpan Tultitlan MEX C.P. 54940	178106 FECHA/DATE 08/06/2013

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS			
							%C	%Mn	%P	%S
6148	10107170-40	0008270016	0008284753	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0828	0.3244	0.0098	0.0100
6148	10107170-40	0008270016	0008284749	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0828	0.3244	0.0098	0.0100
6148	10107170-40	0008270016	0008284736	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0828	0.3244	0.0098	0.0100
6148	10107170-40	0008266097	0008285584	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0838	0.3427	0.0176	0.0082
6148	10107170-40	0008266097	0008285567	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0838	0.3427	0.0176	0.0082
6148	10107170-20	0008063250	0008302223	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
6148	10107170-20	0008063250	0008302037	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
6148	10107170-20	0008063252	0008301990	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0862	0.3226	0.0167	0.0162
6148	10107170-20	0008063252	0008301997	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0862	0.3226	0.0167	0.0162
6148	10107170-20	0008063252	0008301994	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0862	0.3226	0.0167	0.0162
6148	10107170-20	0008063252	0008301985	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0862	0.3226	0.0167	0.0162
6148	10107170-20	0008063250	0008302044	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
6148	10107170-20	0008063250	0008302041	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
6148	10107170-21	0008032087	0008302243	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0900	0.3290	0.0080	0.0030

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)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
16148	10107170-40	0008270016	0008284753	78	65	55	30	A500 Grado B	432940	Made in Mexico
16148	10107170-40	0008270016	0008284749	78	65	55	30	A500 Grado B	432940	Made in Mexico
16148	10107170-40	0008270016	0008284736	78	65	55	30	A500 Grado B	432940	Made in Mexico
16148	10107170-40	0008266097	0008285584	78	65	55	30	A500 Grado B	235945	Made in Mexico
16148	10107170-40	0008266097	0008285567	78	65	55	30	A500 Grado B	235945	Made in Mexico
16148	10107170-20	0008063250	0008302223	77	64	54	29	A500 Grado B	134455	Made in Mexico
16148	10107170-20	0008063250	0008302037	77	64	54	29	A500 Grado B	134455	Made in Mexico
16148	10107170-20	0008063252	0008301990	78	64	54	29	A500 Grado B	234214	Made in Mexico
16148	10107170-20	0008063252	0008301997	78	64	54	29	A500 Grado B	234214	Made in Mexico
16148	10107170-20	0008063252	0008301994	78	64	54	29	A500 Grado B	234214	Made in Mexico
16148	10107170-20	0008063252	0008301985	78	64	54	29	A500 Grado B	234214	Made in Mexico
16148	10107170-20	0008063250	0008302044	77	64	54	29	A500 Grado B	134455	Made in Mexico
16148	10107170-20	0008063250	0008302041	77	64	54	29	A500 Grado B	134455	Made in Mexico
16148	10107170-21	0008032087	0008302243	79	64	54	29	A500 Grado B	1341034012	Made in Mexico



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O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CÓDIGO/ CODE	DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANÁLISIS			
							%C	%Mn	%P	%S
16148	10107170-40	0008270016	0008284753	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0828	0.3244	0.0098	0.0100
16148	10107170-40	0008270016	0008284749	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0828	0.3244	0.0098	0.0100
16148	10107170-40	0008270016	0008284736	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0828	0.3244	0.0098	0.0100
16148	10107170-40	0008266097	0008285584	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0838	0.3427	0.0176	0.0082
16148	10107170-40	0008266097	0008285567	311221	CUAD 4.000 0.1196 CGBSDP STK 6.000	6000 mm	0.0838	0.3427	0.0176	0.0082
16148	10107170-20	0008063250	0008302223	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
16148	10107170-20	0008063250	0008302037	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
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16148	10107170-20	0008063252	0008301985	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0862	0.3226	0.0167	0.0162
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16148	10107170-20	0008063250	0008302041	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0947	0.3492	0.0163	0.0175
16148	10107170-21	0008032087	0008302243	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0900	0.3290	0.0080	0.0030

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FÍSICAS/ MECHANICAL			PROPERTIES		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)				
16148	10107170-40	0008270016	0008284753	78	65	55	30	A500 Grado B	432940	Made in Mexico	
16148	10107170-40	0008270016	0008284749	78	65	55	30	A500 Grado B	432940	Made in Mexico	
16148	10107170-40	0008270016	0008284736	78	65	55	30	A500 Grado B	432940	Made in Mexico	
16148	10107170-40	0008266097	0008285584	78	65	55	30	A500 Grado B	235945	Made in Mexico	
16148	10107170-40	0008266097	0008285567	78	65	55	30	A500 Grado B	235945	Made in Mexico	
16148	10107170-20	0008063250	0008302223	77	64	54	29	A500 Grado B	134455	Made in Mexico	
16148	10107170-20	0008063250	0008302037	77	64	54	29	A500 Grado B	134455	Made in Mexico	
16148	10107170-20	0008063252	0008301990	78	64	54	29	A500 Grado B	234214	Made in Mexico	
16148	10107170-20	0008063252	0008301997	78	64	54	29	A500 Grado B	234214	Made in Mexico	
16148	10107170-20	0008063252	0008301994	78	64	54	29	A500 Grado B	234214	Made in Mexico	
16148	10107170-20	0008063252	0008301985	78	64	54	29	A500 Grado B	234214	Made in Mexico	
16148	10107170-20	0008063250	0008302044	77	64	54	29	A500 Grado B	134455	Made in Mexico	
16148	10107170-20	0008063250	0008302041	77	64	54	29	A500 Grado B	134455	Made in Mexico	
16148	10107170-21	0008032087	0008302243	79	64	54	29	A500 Grado B	1341034012	Made in Mexico	



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O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS			
							%C	%Mn	%P	%S
16148	10107170-21	0008032087	0008302271	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0900	0.3290	0.0080	0.0030
16148	10107170-21	0008185653	0008302032	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0770	0.3071	0.0147	0.0098
16148	10107170-21	0008032087	0008302257	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0900	0.3290	0.0080	0.0030

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)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
16148	10107170-21	0008032087	0008302271	79	64	54	29	A500 Grado B	1341034012	Made in Mexico
16148	10107170-21	0008185653	0008302032	79	64	54	29	A500 Grado B	229263	Made in Mexico
16148	10107170-21	0008032087	0008302257	79	64	54	29	A500 Grado B	1341034012	Made in Mexico



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							%C	%Mn	%P	%S
16148	10107170-21	0008032087	0008302271	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0900	0.3290	0.0080	0.0030
16148	10107170-21	0008185653	0008302032	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0770	0.3071	0.0147	0.0098
16148	10107170-21	0008032087	0008302257	315140	CUAD 2.000 0.1495 CGBSDPR 6.096	6096 mm	0.0900	0.3290	0.0080	0.0030

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)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
16148	10107170-21	0008032087	0008302271	79	64	54	29	A500 Grado B	1341034012	Made in Mexico
16148	10107170-21	0008185653	0008302032	79	64	54	29	A500 Grado B	229263	Made in Mexico
16148	10107170-21	0008032087	0008302257	79	64	54	29	A500 Grado B	1341034012	Made in Mexico