



TERNIUM MEXICO, S.A. DE C.V.
 Av. Universidad No. 992, Colonia Cuauhtémoc, San Nicolás de los Garza, N.L.
 C.P. 66450
 R.F.C. TME-840710-TR4

DATOS GENERALES

29/05/2010
720677

No. / Document number
 720677

720677

Código cliente/ Customer ID 1269	Pedido No./ Sales order 130849	Orden de compra/ Purchase order 7968
Cliente/ Customer PLESA CIA AV. VALLE DE LAS ALAMEDAS # 66-O COL. SAN FRANCISCO CHILPAN TULTITLAN MX 54940	Remisión/ Delivery 720677	
Medio de Transporte/ Means of transportation Triple eje con susp. de a		

Descripción de mercaderías/ Goods description
 ROLLO FRIO TENSIONIVELADO


Datos Generales / General Data

No. Rollo/Coil id.	Colada/Heat	Recubrimiento/ Coating	Peso/Weight		Espesor/ Thickness mm / in	Ancho/Width		Largo/Length		Capa/Thickness	
			kg	lb		in	mm	m	ft	oz/ft2	g/m2
1406307AH	MR1010854	N/A	9215	20342	0.62 / 0.0245	48.19	1224	N/A	N/A	N/A	N/A
1406307AI	MR1010854	N/A	9940	21943	0.62 / 0.0245	48.19	1224	N/A	N/A	N/A	N/A

Datos Generales / General Data

No. Rollo/Coil id.	Colada/Heat	TS/ST (1)	No. Parte/Part	Descripción/Description	Norma de Calidad/Quality Norm	Grado/Grade
1406307AH	MR1010854	N/A		ROLLO FRIO TENSIONIVELADO	SAE J403	1008
1406307AI	MR1010854	N/A		ROLLO FRIO TENSIONIVELADO	SAE J403	1008

1. TS: Tratamiento superficial, Aceitado, Sellado / ST: Superficial treatment, Oiled, Stenciled, etc
 2. LE: Límite elástico / YP: Yield Point
 3. RT: Resistencia a la tensión / TS: Tensile Strength
 4. HRBW: Rockwell B Indentador de WC
 5. L/LL: Límite Inferior / Lower Limit
 6. LS/UL: Límite Superior / Upper Limit

Observaciones / Comments N/A	C.I. / ID #
Firma / Signature <p>Confirmamos que el material aquí descrito ha sido inspeccionado y ensayado por personal autorizado independiente del área de manufactura con resultados satisfactorios en concordancia con la norma arriba descrita. Propiedades Mecánicas bajo las normas ASTM E8, E18, E517, E646, EN-10002, según requerimiento y peso de capa bajo ASTM A90 We here certify that the material described in here has been tested and inspected by authorized personal independent from the manufacturing department with satisfactory results in accordance with requirements of the above specification Mechanical Properties as ASTM E8, E18, E517, E646, EN-10002, as required and coating weight with ASTM A90</p>  Ing. Antonio Mani Ternium Labs	


Calidad del Acero / Steel Quality		
No. Rollo/Coil id.	Colada/Heat	Dureza HRBW/Hardness HRBW
1406307AH	MR1010854	48
1406307AI	MR1010854	48

Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis)															
No. Rollo/Coil id.	Colada/Heat	C	Mn	P	S	Al	Si	Cu	Ni	Cr	Mo	V	Cb	Ti	N
1406307AH	MR1010854	0.058	0.186	0.011	0.007	0.044	0.014	0.013	0.019	0.013	0.002	0.001	0	0	0.005

Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis)															
No. Rollo/Coil id.	Colada/Heat	C	Mn	P	S	Al	Si	Cu	Ni	Cr	Mo	V	Cb	Ti	N
1406307AI	MR1010854	0.058	0.186	0.011	0.007	0.044	0.014	0.013	0.019	0.013	0.002	0.001	0	0	0.005

Notas / Notes:	

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 5. LI/L Limite Inferior / Lower Limit
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Observaciones / Comments N/A	C.I. / ID #
<p>Certificamos que el material aqui descrito ha sido inspeccionado y ensayado por personal autorizado independiente del área de manufactura con resultados satisfactorios en concordancia con la norma arriba descrita. Propiedades Mecánicas: bajo las normas ASTM E8, E18, E517, E646, EN-10002, según requerimiento y peso de capa bajo ASTM A90 We hereby certify that the material described in here has been tested and inspected by authorized personal independent from the manufacturing department with satisfactory results in accordance with requirements of the above specification Mechanical Properties as ASTM E8, E18, E517, E646, EN-10002, as required and coating weight with ASTM A90</p>	<p>Firma / Signature</p>  Ing. Antonio Mani Ternium Labs