



## CERTIFICADO DE CALIDAD

## MILL TEST CERTIFICATE

Fecha Emisión/Issue Date	Certificado No./Certificate No.
2020/07/31	562

GALVASID S.A. DE C.V.  
BLVD. CARLOS SALINAS DE GORTARI KM 10  
APODACA N.L. MEXICO  
C.P. 66615., TEL (52) 81 11 56 00 01  
www.galvasid.com



## Cliente

No Cliente/Customer No:  
1000010166

Cliente/Customer:  
PLESA ANAHUAC Y CIAS SA DE CV

Dirección/Address:  
AV VALLE DE LAS ALAMEDAS 66,TULTITLAN,MEX,54940,MX

## Pedido

Factura No/Invoice No:  
0900001217

Orden Compra/Purchase Order:  
30039

No Pedido Galvasid/Galvasid Order No:  
0010001083

Cantidad/Quantity:  
6

## Información General / General Information

No Serie/Serial No	Parte/Part	Parte Galvasid/Galvasid Part	Colada/Heat	Descripción/Description	Norma-Grado/Norm-Grade
0000016599	RGV1248TMS3PR60	00000000040001323	2004273980	R G60 C12X48 CSB FR PAS NIV ST	ASTM A653/A653M - 17-CSB
0000016598	RGV1248TMS3PR60	00000000040001323	2004273980	R G60 C12X48 CSB FR PAS NIV ST	ASTM A653/A653M - 17-CSB
0000016572	RGV1448TMS3PR60	00000000040001419	2010717	R G60 C14X48 CSB FR PAS NIV ST	ASTM A653/A653M - 17-CSB
0000016570	RGV1448TMS3PR60	00000000040001419	2010717	R G60 C14X48 CSB FR PAS NIV ST	ASTM A653/A653M - 17-CSB
0000016090	RGV1448TMS3PR60	00000000040001419	2030813	R G60 C14X48 CSB FR PAS NIV ST	ASTM A653/A653M - 17-CSB
0000016568	RGV1448TMS3PR60	00000000040001419	2010717	R G60 C14X48 CSB FR PAS NIV ST	ASTM A653/A653M - 17-CSB

## Información General (cont.) / General Information (cont.)



No Serie/Serial No	Peso(kg/lb)/Weight	Espesor(mm/in)/Thickness	Ancho(mm/in)/Width	Longitud(m/ft)/Length	Capa/Coating	Tratamiento/Treatment	Flor/Spangle
0000016599	4300 / 9480	2.48 / 0.097	1222 / 48.11	174 / 570.866	G60	PASIVADO F2	FLOR REGULAR
0000016598	3685 / 8124	2.48 / 0.097	1222 / 48.11	149 / 488.845	G60	PASIVADO F2	FLOR REGULAR
0000016572	4785 / 10549	1.85 / 0.073	1222 / 48.11	262 / 859.58	G60	PASIVADO F2	FLOR REGULAR
0000016570	4650 / 10251	1.85 / 0.073	1222 / 48.11	254 / 833.333	G60	PASIVADO F2	FLOR REGULAR
0000016090	4425 / 9755	1.86 / 0.073	1221 / 48.071	242 / 793.963	G60	PASIVADO F2	FLOR REGULAR
0000016568	4785 / 10549	1.85 / 0.073	1222 / 48.11	262 / 859.58	G60	PASIVADO F2	FLOR REGULAR
ZZ30453660		2.649/0.1043	914.908/36.02	398.98 / 1308	G60	Pasivado	Regular

## Propiedades Mecánicas Longitudinales, Metal Base / Mechanical Properties, Base Metal(Longitudinal)

No Serie/Serie No	LE (ksi/MPa)YS	RT (ksi/MPa)TS	% Elongación/Elongation %	Dureza (HRB)/Hardness
0000016599	37.00 / 254.9	55.00 / 379	26.00	60.0
0000016598	37.00 / 254.9	55.00 / 379	26.00	60.0

No Serie/Serie No	LE (ksi/MPa)YS	RT (ksi/MPa)TS	% Elongación/Elongation %	Dureza (HRB)/Hardness
0000016572	37.00 / 254.9	55.00 / 379	26.00	60.0
0000016570	37.00 / 254.9	55.00 / 379	26.00	60.0
0000016090	37.00 / 254.9	55.00 / 379	26.00	60.0
0000016568	37.00 / 254.9	55.00 / 379	26.00	60.0

## Análisis Químico (%) / Chemical Analysis (%)

No. Colada/Heat No.	C	Mn	P	S	Si	Al	V	Ti	Cr	Ni	Mo	B	CU
2010717	0.064	0.4	0.009	0.002	0.03	0.041	0.003	0.014	0.01	0.003	0.001	0.0001	0.004
2010717	0.064	0.4	0.009	0.002	0.03	0.041	0.003	0.014	0.01	0.003	0.001	0.0001	0.004
2030813	0.069	0.4	0.004	0.002	0.02	0.04	0.003	0.016	0.01	0.004	0.001	0.0001	0.006
2010717	0.064	0.4	0.009	0.002	0.03	0.041	0.003	0.014	0.01	0.003	0.001	0.0001	0.004
63161026	0.09	0.35	0.01	0.009	0.017	0.04	0.001	0	0.015	0	0.002	0.0002	0