

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 08/08/11 11:20:08
 CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE
 PEDIDO: 006554 CONTRA 10866 REMISION: 0030478-1
 PRODUCTO: SOLERA 2X1/4" 50.8X6.35MM GRADO DE ACERO ASTM A36/A36M-94
 ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: ACERO TRANSPORTE
 PESO TEORICO (KG/MT): 2.530 LONGITUD (Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 392223 | .0180 | .0260 | .0150 | .2000 | .2600 | .0290 | .2500 | .1700 | .0800 | .0030 | .6500 | .0010 |
| 392226 | .0180 | .0360 | .0150 | .2300 | .3100 | .0420 | .3000 | .2100 | .1000 | .0030 | .7000 | .0010 |
| 392260 | .0180 | .0340 | .0180 | .2100 | .2500 | .0310 | .2500 | .1000 | .0900 | .0210 | .9400 | .0030 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (PSI/MPA) | ESFUERZO MAXIMO (PSI/MPA) | ALARGAMIENTO (2") | CHARPY V-NOTCH JOULES | CHARPY V-NOTCH LB-PIE | CHARPY V-NOTCH KG-MT |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 392223 | 51,325 | 73,285 | 26 | | | |
| 392226 | 54,820 | 77,340 | 26 | | | |
| 392260 | 57,490 | 79,569 | 27 | | | |

ATADOS DE LA COLADA

| COLADA | | | |
|--------|----------|----------|----------|
| 392223 | SLH01499 | SLH01501 | SLH01504 |
| 392226 | SLH01507 | | |
| 392260 | SLH01495 | | |

SIMEC ACERO
 S.A. DE C.V.
 DEPTO. DE EMBARQUE
 ASEGURAMIENTO DE CALIDAD