

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 09/10/13 17:13:40  
 CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE  
 PEDIDO: 013527 CONTRA 16562 REMISION: 0058269-1  
 PRODUCTO: ANGULO 3X1/4" 76.2X6.35MM GRADO DE ACERO ASTM A36/A36M-08  
 CANTIDAD EMBARCADA 22.011 TONS  
 ESPECIFICACION A6/A6M-10 EMBARQUE: AUTOTRANSP. RODRIGUEZ  
 PESO TEORICO PRODUCTO: 7.291 KGS/MT LONGITUD (Mts) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V   | % Mn   | % Nb  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 303767 | .0180 | .0360 | .0180 | .2100 | .2700 | .0180 | .2600 | .0800 | .1700 | .0030 | 1.0300 | .0030 |
| 304276 | .0150 | .0310 | .0170 | .2700 | .2800 | .0250 | .2500 | .0900 | .1500 | .0030 | .9900  | .0020 |
| 303815 | .0180 | .0280 | .0170 | .2100 | .2400 | .0170 | .2300 | .0900 | .1900 | .0030 | .9900  | .0010 |
| 303823 | .0140 | .0200 | .0180 | .1900 | .2500 | .0210 | .2200 | .0800 | .1200 | .0200 | 1.0200 | .0020 |

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 |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 303767 | 59,155                    | 79,569                    | 28                |                       |                       |                      |
| 304276 | 66,208                    | 79,569                    | 26                |                       |                       |                      |
| 303815 | 58,415                    | 79,569                    | 27                |                       |                       |                      |
| 303823 | 57,368                    | 79,569                    | 29                |                       |                       |                      |

ATADOS DE LA COLADA

| COLADA |          |          |          |
|--------|----------|----------|----------|
| 303767 | DNJ00747 | DNJ00749 | DNJ00750 |
| 304276 | DNJ00853 | DNJ00854 | DNJ00855 |
| 303815 | DNJ00757 | DNJ00758 | DNJ00759 |
| 303823 | DNJ00850 | DNJ00851 |          |

