

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 12/07/17 12:40:02

CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE

PEDIDO: 026049 CONTRA 25692 REMISION: 0117723-1

PRODUCTO: ANGULO 3X1/4" 76.2X6.35MM GRADO DE ACERO ASTM A36/A36M-08

CANTIDAD EMBARCADA 22.230 TONS

ESPECIFICACION PRODUCTO: A6/A6M-10 EMBARQUE: AUTOTRANSPORTES ARCE

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 | % Ti | % Nb |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| 325235 | .0130 | .0250 | .0330 | .2000 | .2700 | .0150 | .230 | .080 | .140 | .001 | .680 | .001 | .0010 |
| 325236 | .0100 | .0190 | .0430 | .2300 | .2900 | .0130 | .240 | .080 | .150 | .003 | .720 | .001 | .0010 |
| 325237 | .0230 | .0220 | .0360 | .2500 | .3700 | .0170 | .200 | .110 | .200 | .003 | .850 | .002 | .0010 |
| 498495 | .0120 | .0380 | .0340 | .1600 | .3800 | .0270 | .220 | .090 | .090 | | .930 | | |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE | ESFUERZO | ALARGAMIENTO | CHARPY | CHARPY | | | CHARPY |
|--------|----------|----------|--------------|-------------|-------------|----|----|---------|
| | ELASTICO | MAXIMO | | V-NOTCH (J) | V-NOTCH (J) | | | V-NOTCH |
| | (LB/IN2) | (LB/IN2) | (%) | PROMEDIO | T1 | T2 | T3 | TEMP C |
| 325235 | 51,880 | 73,882 | 26 | | | | | |
| 325236 | 55,192 | 77,734 | 26 | | | | | |
| 325237 | 59,710 | 80,000 | 27 | | | | | |
| 498495 | 53,941 | 75,535 | 28 | | | | | |

| | CHARPY | CHARPY | | | CHARPY |
|--------|-----------------|-----------------|----|----|---------|
| | V-NOTCH (LB/FT) | V-NOTCH (LB/FT) | | | V-NOTCH |
| | PROMEDIO | T1 | T2 | T3 | TEMP F |
| 325235 | | | | | |
| 325236 | | | | | |
| 325237 | | | | | |
| 498495 | | | | | |

ATADOS DE LA COLADA

COLADA

325235 DRD00160 DRD00161