

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 15/12/12 17:53:11

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

PEDIDO: 015038 CONTRATO:10191 REMISION: 020012-1

PRODUCTO: ANGULO 1-1/2X3/16" 38.1X4.76GRADO DE ACERO ASTM A36/A36M-94

ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: MICAELA ARCE CRUZ

PESO TEORICO(KG/MT): 2.678 LONGITUD(Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 398794 | .0160 | .0290 | .0150 | .1500 | .3400 | .0440 | .2100 | .1300 | .1400 | .0030 | .7200 | .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 |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 398794 | 49,536 | 70,768 | 27 | | | |

ATADOS DE LA COLADA

COLADA

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|--------|----------|----------|----------|----------|----------|----------|
| 398794 | SML02935 | SML02936 | SML02939 | SML02940 | SML02941 | SML02942 |
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