



Planta: Apizaco, Tlaxcala
Aseguramiento de la Calidad

ACEROS ESPECIALES

CERTIFICADO DE CALIDAD N°
CERTIFICATE OF QUALITY N°

5-513063- A

| | |
|---|----------------------------|
| CLIENTE | GRADO DE ACERO |
| CUSTOMER OP.DE PROCESOS DE ACERO | STEEL GRADE A36 |
| N° DE COLADA | MEDIDA |
| HEAT N° 513063 | SECTION SIZE 1,1/2" |
| IDENTIFICACION | PERFIL |
| COLOR CODE | SHAPE REDONDO |

ANALISIS QUIMICO %
CHEMICAL ANALYSIS %

| C | Mn | Si | P | S | Cr | Ni | Mo | Al | Cu | Sn | | | | | | |
|-----|-----|-----|------|------|-----|-----|------|------|-----|------|--|--|--|--|--|--|
| .23 | .77 | .16 | .008 | .013 | .02 | .03 | .010 | .004 | .13 | .012 | | | | | | |

METALOGRAFIA
METALLOGRAPHY

| TAMAÑO DE GRANO GRAIN SIZE | DECARBURIZACION DECARBURIZATION | ESTRUCTURA STRUCTURE | INCLUSIONES NO METALICAS NONMETALLIC-INCLUSIONS | | | |
|-------------------------------|------------------------------------|-------------------------|--|---|---|---|
| | | | A | B | C | D |
| | | | | | | |

PROPIEDADES MECANICAS
MECHANICALS PROPERTIES

| RESISTENCIA A LA TENSION TENSILE STRENGTH (PSI) | LIMITE DE CEDENCIA YIELD STRENGTH (PSI) | % REDUCCION DE AREA REDUCTION IN AREA | % ALARGAMIENTO ELONGATION | DUREZA HARDNESS |
|--|--|--|------------------------------|--------------------|
| 69,381 Lb/Plg2 | 49,767 Lb/Plg2 | | 29,80% | 75 HRB |

OBSERVACIONES:
OBSERVATIONS


ASEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE DEPARTMENT