

GERDAU CORSA SAPI DE CV  
 KM. 3 CARRETERA MÉXICO - SAHAG  
 GERDAU CORSA SAPI DE CV, MEXICO  
 43990  
 SAHAGÚN

**CERTIFICADO DE CALIDAD**

|   |  |   |  |                             |   |  |
|---|--|---|--|-----------------------------|---|--|
| CLIENTE A ENVIAR<br>PLESA ANAHUAC Y CIAS SA DE CV<br>AVENIDA VALLE DE LAS ALAMEDAS<br>TULTITLAN DE MARIANO ESCO,MEX 54940 |  | CLIENTE A FACTURAR<br>PLESA ANAHUAC Y CIAS SA DE CV<br>AVENIDA VALLE DE LAS ALAMEDAS<br>TULTITLAN DE MARIANO ESCO,MEX 54940<br>México |  | GRADO<br>ASTM A992/A572 G50 | PRODUCTO / MEDIDA<br>Wide Flange Beam / 10 X 22# / 250 X 32.7 | CERTIFICATE ID<br>0000070111   |
| PEDIDO DE VENTA<br>7375020/000100   |  | CUSTOMER MATERIAL N°  |  | LONGITUD<br>12.20 M         | PESO<br>3.590 KG  | COLADA / LOTE<br>11015832/04   |
| ORDEN DE COMPRA DEL CLIENTE<br>27883  |  | CARTA DE EMBARQUE   |  | FECHA<br>15.01.2019         |   | ESPECIFICACIÓN TÉCNICA<br>ASTM A572-13 G50<br>ASTM A6-14<br>ASTM A992-11 (2015)<br>CSA G40.21-13 345WM |

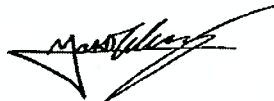
| COMPOSICIÓN QUÍMICA |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C %                 | Mn %  | S %   | P %   | Cr %  | Cu %  | Mo %  | Nb %  | Ni %  | Si %  | V %   | C.E.  | Pb %  |
| 0.098               | 1.050 | 0.030 | 0.015 | 0.114 | 0.328 | 0.018 | 0.019 | 0.089 | 0.195 | 0.002 | 0.326 | 0.001 |

| COMPOSICIÓN QUÍMICA |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Sn %                |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.025               |  |  |  |  |  |  |  |  |  |  |  |  |

| PROPIEDADES MECÁNICAS |               |             |               |              |           |  |
|-----------------------|---------------|-------------|---------------|--------------|-----------|--|
| YS/FY<br>KSI          | UTS/FU<br>KSI | Elong.<br>% | UTS/FU<br>MPa | YS/FY<br>MPa | G/L<br>mm |  |
| 56.4                  | 75.6          | 25.0        | 521.2         | 389.1        | 200       |  |
| 55.0                  | 73.7          | 25.0        | 508.0         | 379.2        | 200       |  |

| PROPIEDADES MECÁNICAS |  |
|-----------------------|--|
| YS/UTS                |  |
| 0.75                  |  |
| 0.75                  |  |

COMENTARIOS / NOTAS



CARLOS MOSS VELEZ