

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<br>ALAMEDAS<br>TULTITLAN DE MARIANO ESCO,MEX<br>54940 | CLIENTE A FACTURAR<br>PLESA ANAHUAC Y CIAS SA DE CV<br>AVENIDA VALLE DE LAS ALAMEDAS<br>TULTITLAN DE MARIANO ESCO,MEX<br>54940<br>México | GRADO<br>ASTM A992/A572 G50  | PRODUCTO / MEDIDA<br>Wide Flange Beam / 24 x 84 / 610 x 84 | CERTIFICATE ID<br>0000055288 |
| PEDIDO DE VENTA<br>6514096/000270   |  | CUSTOMER MATERIAL N°   | LONGITUD<br>12.20 M  | PESO<br>9,150 KG             |
|   |  | ESPECIFICACIÓN TÉCNICA<br>ASTM A572-13 G50<br>ASTM A6-14<br>ASTM A992-11 (2015)<br>CSA G40.21-13 345WM |  |                              |
| ORDEN DE COMPRA DEL CLIENTE<br>26912 Tultitlan  | CARTA DE EMBARQUE  | FECHA<br>02.06.2018  |  |                              |

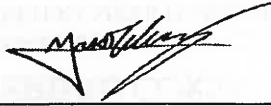
|                     |         |        |        |         |         |         |         |         |         |        |       |         |
|---------------------|---------|--------|--------|---------|---------|---------|---------|---------|---------|--------|-------|---------|
| COMPOSICIÓN QUÍMICA |         |        |        |         |         |         |         |         |         |        |       |         |
| C<br>%              | Mn<br>% | S<br>% | P<br>% | Cr<br>% | Cu<br>% | Mo<br>% | Nb<br>% | Ni<br>% | Si<br>% | V<br>% | C.E.  | Pb<br>% |
| 0.082               | 1.098   | 0.028  | 0.013  | 0.100   | 0.253   | 0.021   | 0.000   | 0.077   | 0.213   | 0.039  | 0.319 | 0.000   |

|                     |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| COMPOSICIÓN QUÍMICA |  |  |  |  |  |  |  |  |  |  |  |  |
| Sn<br>%             |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.019               |  |  |  |  |  |  |  |  |  |  |  |  |

|                       |               |             |               |              |           |  |
|-----------------------|---------------|-------------|---------------|--------------|-----------|--|
| PROPIEDADES MECÁNICAS |               |             |               |              |           |  |
| YS/FY<br>KSI          | UTS/FU<br>KSI | Elong.<br>% | UTS/FU<br>MPa | YS/FY<br>MPa | G/L<br>mm |  |
| 54.4                  | 71.6          | 20.5        | 493.7         | 375.0        | 200       |  |

|                       |  |
|-----------------------|--|
| PROPIEDADES MECÁNICAS |  |
| YS/UTS                |  |
| 0.76                  |  |

COMENTARIOS / NOTAS



CARLOS MOSS VELEZ