

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 / 12 X 26# / 310 X 38.7 | CERTIFICATE ID<br>0000057927   |
| PEDIDO DE VENTA<br>6426676/000220   |  | CUSTOMER MATERIAL N°        | LONGITUD<br>12.20 M   | PESO<br>11.331 KG  |
| ORDEN DE COMPRA DEL CLIENTE<br>26792 Tultitlan  |  | CARTA DE EMBARQUE           | FECHA<br>05.07.2018   | ESPECIFICACIÓN TÉCNICA<br>ASTM A572-13 G50<br>ASTM A6-14<br>ASTM A992-11 (2015)<br>CSA G40.21-13 345WM |
| COLADA / LOTE<br><b>11013286/02</b>   |  |                             |   |  |

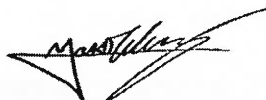
| COMPOSICIÓN QUÍMICA |         |        |        |         |         |         |         |         |         |        |       |         |
|---------------------|---------|--------|--------|---------|---------|---------|---------|---------|---------|--------|-------|---------|
| C<br>%              | Mn<br>% | S<br>% | P<br>% | Cr<br>% | Cu<br>% | Mo<br>% | Nb<br>% | Ni<br>% | Si<br>% | V<br>% | C.E.  | Pb<br>% |
| 0.089               | 1.124   | 0.034  | 0.013  | 0.103   | 0.233   | 0.018   | 0.001   | 0.080   | 0.198   | 0.043  | 0.330 | 0.000   |

| COMPOSICIÓN QUÍMICA |
|---------------------|
| Sn<br>%             |
| 0.020               |

| PROPIEDADES MECÁNICAS |               |             |               |              |           |
|-----------------------|---------------|-------------|---------------|--------------|-----------|
| YS/FY<br>KSI          | UTS/FU<br>KSI | Elong.<br>% | UTS/FU<br>MPa | YS/FY<br>MPa | G/L<br>mm |
| 55.2                  | 69.3          | 27.3        | 477.8         | 380.7        | 200       |

| PROPIEDADES MECÁNICAS |
|-----------------------|
| YS/UTS                |
| 0.80                  |

COMENTARIOS / NOTAS

 CARLOS MOSS VELEZ