

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<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 / 14 x 22# / 360 x 32.7 | CERTIFICATE ID<br>0000058150   |
| PEDIDO DE VENTA<br>6591776/000240  |  | CUSTOMER MATERIAL N°   |  | LONGITUD<br>12.20 M         | PESO<br>3.989 KG  | COLADA / LOTE<br>11012642/03   |
| ORDEN DE COMPRA DEL CLIENTE<br>26839 Tultitlan   |  | CARTA DE EMBARQUE  |  | FECHA<br>09.07.2018         |   | ESPECIFICACIÓN TÉCNICA<br>ASTM A572-13 G50<br>ASTM A6-14<br>ASTM A992-11 (2015)<br>CSA G40.21-13 345WM |

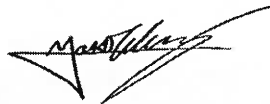
| COMPOSICIÓN QUÍMICA |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C %                 | Mn %  | S %   | P %   | Cr %  | Cu %  | Mo %  | Nb %  | Ni %  | Si %  | V %   | C.E.  | Pb %  |
| 0.097               | 1.140 | 0.017 | 0.015 | 0.116 | 0.231 | 0.021 | 0.000 | 0.087 | 0.191 | 0.041 | 0.344 | 0.000 |

| COMPOSICIÓN QUÍMICA |
|---------------------|
| Sn %                |
| 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 |
| 56.1                  | 73.4          | 30.0        | 506.0         | 387.0        | 200       |

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

COMENTARIOS / NOTAS



CARLOS MOSS VELEZ