

Baoding Yitong PV Science & Technolngy Co.,Ltd

Product technical specification

Black BusBar

Technical Data

| Item | Performance Index | Others |
|-----------------------------|---|--|
| Thickness Tolerance | $\pm 0.01\text{mm}$ | We can produce bus bars with different specifications and tin layers according to customer requirements. |
| Width Tolerance | $\pm 0.05\text{mm}$ | |
| Copper Content Of Substrate | $\geq 99.95\%$ | |
| Substrate Resistivity | $\leq 0.01724 \Omega \cdot \text{mm}^2/\text{m}$ | |
| Solder brand | Sn60Pb40 | |
| Fusion Point | 189℃ | |
| Welding surface coating | $20 \pm 5\mu\text{m}$ | |
| Black coating material | Fluorocarbon paint | |
| Black coating thickness | $10-15 \mu\text{m}$ | |
| Elongation | $\geq 30\%$ | |
| Tensile Strength | 200~240MPa | |
| Sickle Bending | $\leq 0.3\%$ | |
| Tabbing Ribbon Resistivity | $\leq 0.023 \Omega \cdot \text{mm}^2/\text{m}$ | |
| Storage Temperature | 5-35℃ | |
| Storage relative humidity | $\leq 60\%$ | |
| Warranty Period | 6 months | |
| Spool | $\Phi 152-122-\Phi 20(\Phi 16) \text{ mm } -6\text{kg}$ | |

- 1、The products shall be loaded and unloaded with care during transportation to prevent collision, scratch and pollution, and shockproof measures shall be taken
- 2、The bus bar shall not be directly exposed to the air for a long time, and shall be stored in a ventilated and dry warehouse or room; When in use, remove the winding film or vacuum bag, and wrap it with winding film in time
- 3、During the handling and use of reel packaging products, do not place or take them vertically, and keep the shaft hole in the horizontal direction
- 4、It is strictly prohibited to mix with volatile corrosive goods or sharp and hard goods. No mechanical damage shall be ensured, and the "direction mark" of the packing box shall be consistent with the actual transportation direction