

Baoding Yitong PV Science & Technology Co.,Ltd

Product technical specification

Flat Ribbon

Technical Data

Item	Performance Index	Others
Copper Content Of Substrate	$\geq 99.95\%$	We can provide different specifications and different thickness of tin according to customers' request.
Substrate Resistivity	$\leq 0.01724 \Omega \cdot \text{mm}^2/\text{m}$	
Coating material	Sn60Pb40	
Fusion Point	189℃	
Single-sided Coating	$20 \pm 5 \mu\text{m}$	
Thickness Tolerance	$\pm 0.01\text{mm}$	
Width Tolerance	$\pm 0.05\text{mm}$	
Elongation	$\geq 25\%$	
Tensile Strength	$\geq 150\text{MPa}$	
Yield Strength RP0.2	$\leq 70\text{MPa}$	
Sickle Bending	$\leq 0.3\%$	
Tabbing Ribbon Resistivity	$\leq 0.023 \Omega \cdot \text{mm}^2/\text{m}$	
Solderability	$\geq 1.0\text{N}$	
Storage Temperature	5-35℃	
Storage relative humidity	$\leq 60\%$	
Warranty Period	6 months	
Spool	$\Phi 160-90-\Phi 20 (\Phi 16) \text{mm} -7\text{kg} /$ $\Phi 160-145-\Phi 20 (\Phi 16) \text{mm} -9\text{kg}$	

- 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