

Baoding Yitong PV Science & Technology Co.,Ltd
保定易通光伏科技股份有限公司
Product technical specification
产品技术规格书

Flat Ribbon/扁焊带

Technical Data/技术参数

Item/项目名称	Performance Index/性能指标	Others/其他
Copper Content Of Substrate/基材铜含量	≥99.95%	We can provide different specifications and different thickness of tin according to customers' request. 可根据客户要求生产不同规格和锡层的焊带。
Substrate Resistivity/基材电阻率	≤0.01724 Ω · mm ² /m	
Coating material	Sn60Pb40	
Fusion Point/熔化温度	189℃	
Single-sided Coating/单面涂层	20±5 μm	
Thickness Tolerance/厚度公差	±0.01mm	
Width Tolerance/宽度公差	±0.05mm	
Elongation/焊带延伸率	≥25%	
Tensile Strength/焊带抗拉强度	≥150MPa	
Yield Strength RP0.2/焊带屈服强度 RP0.2	≤70MPa	
Sickle Bending/焊带镰刀弯曲度	≤0.3%	
Tabbing Ribbon Resistivity/焊带电阻率	≤0.023 Ω · mm ² /m	
Solderability/焊接拉力	≥1.0N	
Storage Temperature/储存温度	5-35℃	
Storage relative humidity/储存相对湿度	≤60%	
Warranty Period/保质期	6 months	
Spool/工字轮	Φ160-90-Φ20(Φ16) mm -7kg / Φ160-145-Φ20(Φ16) mm -9kg	

- The products shall be loaded and unloaded with care during transportation to prevent collision, scratch and pollution, and shockproof measures shall be taken/产品在运输过程中应轻装轻卸，防止碰撞、擦伤和污染，并采取防震措施；
- 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/避免汇流带长时间直接暴露在空气中，应存放在通风、干燥的仓库或室内；使用时再去去除缠绕膜或真空袋，停用及时用缠绕膜包裹好；
- 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/卷轴包装产品在搬运及使用过程中请勿竖直放置、竖直拿取，应保持轴孔处于水平方向；
- 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/严禁与挥发腐蚀性物品或尖硬品混装、混运，应确保无机械损伤，包装箱“方向标识”与实际运输方向一致。