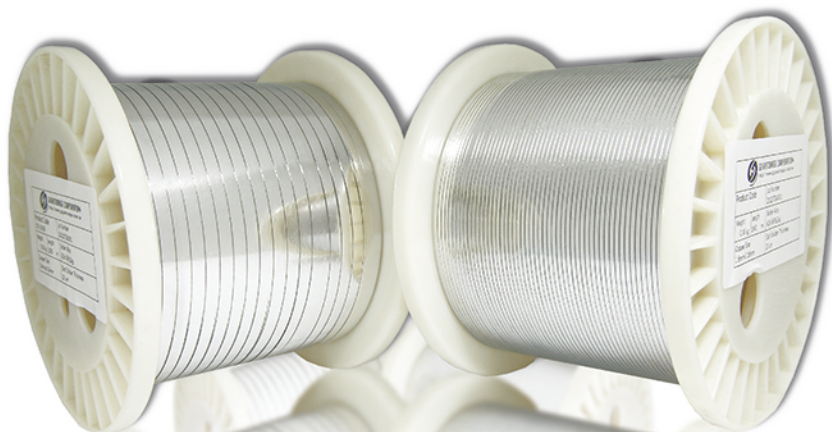


PV Ribbon



Introductions

GSC Group is now not only supplying Solar wafers and conductive pastes of GSCMC, but also Photovoltaic Ribbons in solar industry. Furthermore, GSC offers all group's R&D resources to all our customers.

GSC PV ribbon offers you high power performances for solar modules, low yield strength for better string process with low broken cells.

Furthermore, high solderability of GSC PV ribbon results in easier soldering process during module assemblies.



Specification

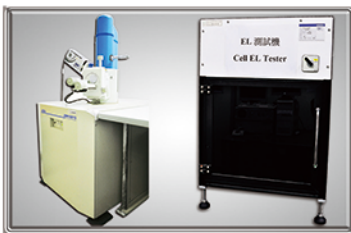
Raw Material	Type		Copper Size		Yield Strength	Tensile Strength	Elongation	Solder Alloy	Coating Thickness	Packing
OFC/CC10200	Normal	BR	W(mm)	T(mm)	≤80N/mm ²	≤245N/mm ²	≥20%	A. 62Sn36Pb/2Ag B. 63Sn37Pb C. 60Sn40Pb D. 96.5Sn3.5Ag E. 96.5Sn3.0Ag/0.5Cu F. 50Sn48Bi/2Ag G. 50Sn50Bi H. 99.3Sn0.7Cu	A. 15±5μm B. 20±5μm C. 25±5μm D. 30±5μm E. 35±5μm F. 40±5μm	Spool
			5.0	0.30						
			6.0	0.35						
		CR	7.0	0.50						
			1.0	0.15						
			1.5	0.16						
	High Power	HCR	1.6	0.18	≤60N/mm ²					
			2.0	0.20						
			1.5	0.22						
			1.6	0.23						
			2.0	0.25						

Process Research Equipments



Stringer

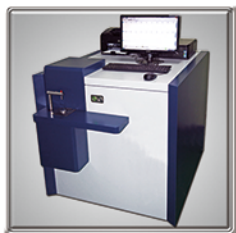
Precious Analysis Equipments



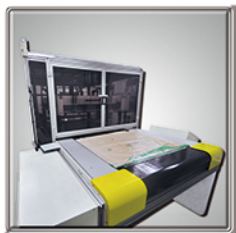
EL

SEM & EDS

QA Analysis Instruments



Spark



Laminator



PL

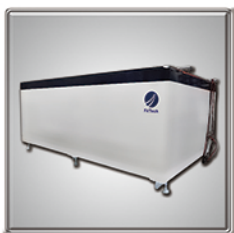
I-V Tester



X-ray Fluorescence



4 point Milliohmmeter



Simulator



Tensile Tester