FUDAR

AgWCC					
Overview	AgWCC has very low contact resistance due to high silver content. Due to the high melting point of WC and graphite, it is highly resistant to welding.				
Application	It is mainly used in high load switching devices such as circuit breakers and earth leakage switches. In many cases, it is used in asymmetric pairs with AgNi, AgW or AgWC.				
Material Properties					
	1#AgWCC	9#AgWCC	16#AgWCC	18#AgWCC	19#AgWCC
Ag Content (wt%)	85.0±1.0	73.5±1.0	70.0±1.0	73.0±1.0	80.0±1.0
Density (g/cm³)	≥9.40	≥10.30	≥9.90	≥10.15	≥10.31
Elec.Resistivity (μΩ·cm)	≤3.40	≤3.40	≤4.50	≤3.40	≤3.30
Hardness HB	≥46	≥50	≥45	≥50	≥50
Manufacturing Process	Mixing-Compacting-Sintering				

Product Types					
	1#AgWCC	9#AgWCC	16#AgWCC	18#AgWCC	19#AgWCC
Wires					
Strips					
Tips	√	√	√	√	√
Bimetal Strips					
Rivets					