

# FUDAR

## AgW

<b>Overview</b>	AgW contacts have excellent resistance to welding and arc burning due to the high melting point and hardness of W, and are usually used as dynamic contacts in the circuit breaker field, paired with C-containing electrical contact materials.					
<b>Application</b>	AgW materials are mainly used in moulded case circuit breakers, frame circuit breakers and disconnect switches.					
<b>Material Properties</b>						
	1#AgW	2#AgW	3#AgW	4#AgW	5#AgW	6#AgW
Ag Content (wt%)	50.0±2.0	45.0±2.0	40.0±2.0	35.0±2.0	30.0±2.0	25.0±2.0
Density (g/cm <sup>3</sup> )	≥13.15	≥13.55	≥14.00	≥14.50	≥14.90	≥15.40
Elec.Resistivity (μΩ·cm)	≤3.00	≤3.20	≤3.40	≤3.60	≤3.80	≤4.20
Hardness HB	≥105	≥115	≥125	≥135	≥150	≥165
Manufacturing Process	Infiltration					

## Product Types

	1#AgW	2#AgW	3#AgW	4#AgW	5#AgW	6#AgW
Wires						
Strips						
Tips	√	√	√	√	√	√
Bimetal Strips						
Rivets						