

FUDAR

AgNiC

Overview	AgNiC combines the advantages of AgNi and AgC, with good resistance to welding and electrical wear.			
Application	AgNiC materials are mainly used in low-voltage moulded case circuit breakers and universal circuit breakers.			
Material Properties				
	1#AgNiC	2#AgNiC	3#AgNiC	6#AgNiC
Ag Content (wt%)	67.0±1.0	73.0±1.0	94.0±1.0	66.5±1.0
Density (g/cm ³)	≥ 8.70	≥ 9.10	≥ 8.67	≥ 8.90
Elec.Resistivity (μΩ·cm)	≤ 4.50	≤ 3.50	≤ 3.20	≤ 3.70
Hardness HB	≥ 50	≥ 60	≥ 40	≥ 60
Manufacturing Process	Mixing-Compacting-Sintering			

Product Types				
	1#AgNiC	2#AgNiC	3#AgNiC	6#AgNiC
Wires				
Strips				
Tips	√	√	√	√
Bimetal Strips				
Rivets				