Size： 10-60

AK J501

Description: AKJ501 and JH-SJ501M are aluminum-titanium acidic sintered fluxes with a basicity of about 0.5~0.8. They are gray round particles with a particle size of 10~60 mesh (about 2.0~0.28mm). JH-SJ501M has a particle size of 14~16 mesh (about 1.18~0.28mm) and can be used for both DC and DC. When using DC power welding, the welding wire is connected to the positive electrode. The arc is stable, the weld shape is beautiful, and the slag is easy to deposit. The metal has excellent mechanical properties.

Application: With the corresponding welding wire (such as H08A, H08MnA, etc.), it is mainly used for submerged arc welding of low-carbon steel and some low-alloy steel (such as) boiler pressure vessels, ships, etc. The deposited metal has good low-temperature impact toughness. JH-SJ501M is especially suitable for high-speed welding of water -cooled walls of power plant boilers, and the welding speed can reach more than 70m/h.

Typical Chemical Compostion(%):

	SiO2+TiO2	CaO+MgO	S	P	CaF2	Al2 O3+MnO	——	——	——
Requirement	——	——	——	——	——	——	——	——	——
Actual Result	25- 35	15- 25	0.06	0.08	5-15	30-40	——	——	——

Notes on Usages:

1. The flux must be baked at 300°C~350°C for 2 hours before use.

2. Before welding, rust, oil, water and other impurities on the weldment should be removed.