Size： 10-60

AK J101Q

Description: AKJ101Q is a fluorine-alkali type sintered flux with an alkalinity ≥1.8 and a particle size of 10~60 mesh (about 2.0~0.28mm).It can be used for both DC and DC power supply,and the welding wire is connected to the positive pole when welding with DC power supply. The arc is stable, the weld shape is beautiful, and the slag is easy to deposit. The metal has excellent mechanical properties.

Application: Cooperate with corresponding welding wires (such as H08MnA, H10Mn2,JH-WQ1, JH-WGX2, etc.), mainly used for welding low carbon steel and some low alloy steels (such as 16Mn, x65, X70, 14MnNiq, WQ490D, WQ490E, etc.) structure and submerged arc welding of boiler pressure vessels, ships, bridges, oil pipelines, etc. Deposited metal has; good low temperature impact toughness.

Typical Chemical Compostion(%):

	SiO2+TiO2	CaO+MgO	S	P	CaF2	Al2 O3+MnO	——	——	——
Requirement	——	——	——	——	——	——	——	——	——
Actual Result	14- 23	24- 36	0.06	0.06	15- 25	20- 30	——	——	——

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.