

Welding Powder

Exothermic Welding Flux is a key material used for creating permanent, high-conductivity molecular bonds between conductors (such as copper, copper-clad steel, or steel) in grounding systems for power engineering, telecommunications, and other fields.

PRODUCT SPECIFICATION

Product Composition: CuO, Cu, Al

Copper Oxide Content: 50%

Copper Content: 30%

Aluminum Content: 20%

Welding Resistance: $\leq 113\mu\Omega$ (close to the conductor itself)

Tensile Strength: $\geq 340\text{MPa}$ (up to 95% of the base material)

Packaging: Plastic pot

Physical State: Powder particles

Color: Blackish gray

Melting Point: 2573°C



PRODUCT GUIDE

Item No.	Net Weight	Item No.	Net Weigh
15#	15g	150#	150g
25#	25g	200#	200g
45#	45g	250#	250g
90#	90g	400#	400g
115#	115g		



APPLICATIONS

1. Electrical grounding system
2. Lightning protection project
3. Cathodic protection system