CoastalZinc™ Electroplating Grade Zinc Chloride

www.coastalzinc.com

Application principle:

Zinc chloride is used as a metal surface treatment agent. The flux is widely used in galvanizing, brazing and tin plating. Because of its unique ability to remove oxides and salts on the metal surface, it ensures a good metal-to-metal bond. Moreover, it has the ability to corrode metal oxides (MO), which can generate derivatives of the general formula MZnOCl2. This reaction is the principle of zinc chloride as a flux.

Application field:

Galvanizing is a universal anti-rust method. Steel materials of different sizes and shapes can be galvanized. It is widely used in petrochemical, telecommunications, power supply, transportation, construction, machinery, agriculture and other fields.

Application advantage:

Galvanizing is the most environmentally friendly anti-corrosion method. Compared with other anti-rust methods that cover iron or steel with a protective layer, the initial and long-term costs of galvanizing are relatively low. Moreover, zinc is a highly recyclable metal. The galvanized white iron can be easily recycled by re-galvanizing, removing the zinc layer or reusing it, and it can also be recycled with scrap steel. With the advancement of sustainable development, galvanizing can bring both environmental benefits and economic benefits.

Technical index：

Content (ZnCl2) w / %	96-98
Acid-Insoluble w / %	≤0.05
Basic Salt (ZnO) w / %	≤2.0
Sulfate (SO4) w / %	≤0.01
Fe w / %	≤0.001
Pb w / %	≤0.0005
Ba w / %	≤0.1
Ca w / %	≤0.5
NH4 w / %	≤0.05 *
Water	≤1.0
PH	3 ~ 4
Corrosion Test for Zinc Sheet	Pass

Packaging：

Zinc chloride: 25Kg / lined with double layer moisture- proof film, outer packing woven bag