

CULMI AIR-COND & REFRIGERATION PARTS SUPPLY SDN. BHD.

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THE HARRIS PRODUCTS GROUP FILLER METAL CHEMICAL TERMS

1) Ag = Silver (银)

Chemistry. a white, ductile metallic element, used for making mirrors, coins, ornaments, table utensils, photographic chemicals, conductors, etc. **Symbol:** Ag

2) Cu = Copper Fume (铜)

A malleable, ductile, metallic element having a characteristic reddish-brown color: used in large quantities as an electrical conductor and in the manufacture of alloys, as brass and bronze. **Symbol:** Cu

3) P = Phosphorus (磷)

Chemistry. a solid, nonmetallic element existing in at least three allotropic forms, one that is yellow, poisonous, flammable, and luminous in the dark, one that is red, less poisonous, and less flammable, and another that is black, insoluble in most solvents, and the least flammable. The element is used in forming smoke.

4) Zn = Zinc (锌)

Chemistry. a ductile, bluish-white metallic element: used in making galvanized iron, brass, and other alloys, and as an element in voltaic cells. **Symbol:** Zn

5) Sn = Stannum (Tin) (锡)

Chemistry. a low-melting, malleable, ductile metallic element nearly approaching silver in color and luster: used in plating and in making alloys, tinfoil, and soft solders. **Symbol:** Sn

6) Si = Silicon (矽)

A nonmetallic element, having amorphous and crystalline forms, occurring in a combined state in minerals and rocks and constituting more than one fourth of the earth's crust: used in steelmaking, alloys, etc. **Symbol:** Si

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7) Mn = Manganese (锰)

A gray-white or silvery brittle metallic element, occurring in several allotropic forms, found worldwide, especially in the ores pyrolusite and rhodochrosite and in nodules on the ocean floor. It is alloyed with steel to increase strength, hardness, wear resistance, and other properties and with other metals to form highly ferromagnetic materials.

8) Fe = Ferrum (Iron) (铁)

Chemistry. a ductile, malleable, silver-white metallic element, scarcely known in a pure condition, but much used in its crude or impure carbon-containing forms for making tools, implements, machinery, etc. **Symbol:** Fe

9) Ni = Nickel (镍)

Chemistry. a hard, silvery-white, ductile and malleable metallic element, allied to iron and cobalt, not readily oxidized: used chiefly in alloys, in electroplating, and as a catalyst in organic synthesis. **Symbol:** Ni

10) Pb = Plumbum (Lead) (铅)

Chemistry. a heavy, comparatively soft, malleable, bluish-gray metal, sometimes found in its natural state but usually combined as a sulfide, esp. in galena. **Symbol:** Pb

11) Cd = Cadmium (镉)

A white, ductile divalent metallic element resembling tin, used in plating and in making certain alloys. **Symbol:** Cd

12) Alloy = (混合物)

A substance composed of two or more metals, or of a metal or metals with a nonmetal, intimately mixed, as by fusion or electrodeposition.

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