

PRODUCT DATA



www.RichardsApex.com

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AO-711 COMPOUND

RichardsApex AO-711 CPD is a water soluble, moderately alkaline liquid recommended as a metal surface protection additive in copper wax coating and copper hot rolling applications. The product contains a unique blend of corrosion inhibitors and antioxidants that adhere to the metal surface and prevent copper and copper alloys from oxidizing and steel surfaces from pitting.

BENEFITS:

- **Improves roll life and rod surface quality in copper hot rolling applications**
- **Non foaming and produces a continuously adherent film on metal surfaces**
- **Prevents water spotting and copper surface corrosion**
- **Improves storage time of coated rod/wire**

RECOMMENDED USES:

AO-711 may be used as an additive to copper wax coating, quench and protective solutions. An addition of 0.1% - 0.2% by volume will greatly improve storage time and prevent oxidation

For use as an additive in hot copper rolling applications, **AO-711** will inhibit roll pitting resulting in both improved roll life and the surface quality of the copper rod. An initial treatment dosage of 1 liter per 3,500 liters (1 quart per 1,000 gallons) is required with subsequent daily additions of 1 liter (1 quart) being required for maintenance.

TYPICAL SPECIFICATIONS:

Specific Gravity - 1.15 kg/l (9.6 lbs/gal)

pH of a 5% solution - 11.0