



AO711 COMPOUND

RichardsApex AO-711 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

AO711 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, AO711 will inhibit roll pitting resulting in both improved roll life and 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.

Specifications

Density	1.15 kg/L	9.6 lbs/gal
pH of a 3% solution	11.2	