



fluorochemical excellence
shaping the future



Metal Extraction

Hydrofluoric acid is used in the digestion process of extracting tantalum and niobium from columbite ores to enable further refinement of the metals that are mainly used in the electronics industry for the manufacture of capacitors. Capacitors regulate the flow of electricity in integrated circuits in appliances such as telephones, computers and cameras. These metals are also used in the manufacture of high strength, low alloy steels for turbine blades in jet engines and land based turbines, superconducting magnetic coils for MRI imaging, rail tracks, ship hulls and automotive components.