



FLAME TEST

Petrol was taken inside a glass beaker. A lighted splinter was introduced. It burnt with a large high flame. The test was repeated with BARD inserted into the beaker containing petrol. When it was lighted the flame was reduced to a low flame in a suppressed manner.

RESULTS OF FLAME TEST

The sample was found to act as a "suppressor" of the flame. It exhibited a quenching effect.

CONCLUSIONS

The sample of Aluminium Alloy (BARD) can withstand petroleum products. It can be used for controlling or quenching of big flame, minimizing the chances of an explosion.

K. Somanath
Manager, Chemistry Department
Emirates Industrial Laboratory

Date of Issue: July 05, 2007