

## **Propellant and Igniter for HL-P007**

This system is fired from fighter aircraft and it consists of propellant and igniter. The propellant used is composite propellant. The propellant developed for motor is high energy propellant cast as a solid grain. This developed propellant provides the desired total impulse requirement, and hence the required range, speed and manoeuvrability to the system.

The igniter consists of two parts namely metallic igniter canister, igniter closure and canister liner. The igniter charge mass and pellets are designed to meet the desired propulsion requirement.