



M9



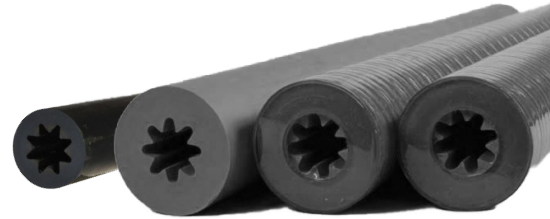
General

**Specifications:** This propellant belongs to the extruded double-base propellants group and can be produced by solventless processes.

**Application:** After insulating, this product can be used in SIDEWANDER rocket (air to air) as a propellant.

**Storage:** Should be stored in -10°C up to +30°C

**Shelf life:** 15 years (min)



TECHNICAL SPECIFICATIONS

Length	1550 ± 5 mm
External diameter	114.35 ± 0.4 mm
Internal diameter	8-fin star-shaped
Weight	17.9 ± 0.2 kg
Specific gravity	min 1.57 gr/cm <sup>3</sup>
Heat of explosion	880 ± 10 cal/gr

HOOT Accelerator

General

**Specifications:** This propellant belongs to the extruded double-base propellants group and can be produced by solventless process. One set consists of 12 grains.

**Application:** This product is used as accelerator propellant of under-surface rocket (HOOT).

**Storage:** Should be stored in -10°C up to +30°C

**Shelf life:** 15 years (min)



TECHNICAL SPECIFICATIONS

Length	1121 mm
External diameter	71.5 ± 0.2 mm
Internal diameter	15.7 ± 0.2 mm
Weight of each grain	7.5 ± 0.1 Kg
One set weight (12 grains)	91 Kg
Specific gravity	1.62 min gr/c <sup>3</sup>
Heat of explosion	893 ± 8 cal/gr