



General

Specifications: These propellants belong to the extruded double-base propellants group and can be produced by solvent process.

Application: These products are used in RAAD rocket as launching and Flight propellant, a kind of guided anti-armor systems.

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

Shelf life: 10 years (min)



TECHNICAL SPECIFICATIONS

Type	Launching	Flight
Length (mm)	91 ± 0.5	254 ± 0.5
External diameter (mm)	112.3 ± 0.4	70.4
Internal diameter (mm)	78.8 ± 0.3	-
Weight of each grain (gr)	685 ± 15	1500 ± 40
Specific gravity (gr/cm ³)	min 1.56	min 1.56
Heat of explosion (cal/gr)	895 ± 10	895 ± 10



FM80

General

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

Application: One set (two grains) of this product can be used in missile FM80 called as a surface to air missile.

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

Shelf life: 15 years (min)



TECHNICAL SPECIFICATIONS

Length	555 mm
External diameter	146.5 mm
Internal diameter (special geometry)	8-fin star-shaped
Weight of each grain	13.2 kg
One set weight (2 grains)	26.4 kg
Specific gravity	min 1.57 gr/cm ³
Heat of explosion	850 ± 8 cal/gr

