



## FAJR 3



### General

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

**Application:** It can be used as a propellant in 240mm FAJR 3 rocket (artillery system).

**Storage:** This propellant should be stored in -10°C up to +30°C

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



### TECHNICAL SPECIFICATIONS

Type	Small Grain	Large Grain
Length (mm)	1616 ± 6	1676 ± 6
External Diameter (mm)	189.5 ± 3	208.5 ± 3.5
Internal Diameter (mm)	33.5 ± 1	55 ± 1
Single Grain Weight (kg)	71	85
One Set Weight (large & small grains) (kg)	156	
Specific gravity (gr/c <sup>3</sup> )	min 1.57	min 1.57
Heat of explosion (cal/gr)	850 ± 8	850 ± 8



## FAJR 4

### General

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

**Application:** It can be used as a propellant in 333mm FAJR 4 rocket (artillery system).

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

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



### TECHNICAL SPECIFICATIONS

Length	2110 ± 8 mm
External Diameter	295 ± 5 mm
Internal Diameter	75 ± 2 mm
Grain Weight	212 kg
Specific gravity	min 1.57 gr/c <sup>3</sup>
Heat of explosion	850 ± 8 cal/gr