



## FAJR 5



### General

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

**Application:** It can be used as a propellant in 333mm FAJR 5 rocket (artillery system).

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

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



### TECHNICAL SPECIFICATIONS

Type	Small Grain	Large Grain
Length (mm)	2100 ± 8	2110 ± 8
External Diameter (mm)	275 ± 5	295 ± 5
Internal Diameter (mm)	55 ± 2	75 ± 2
Single Grain Weight (kg)	190	212
One Set Weight (large & small grains) (kg)	402	
Specific gravity (gr/c <sup>3</sup> )	min 1.57	min 1.57
Heat of explosion (cal/gr)	850 ± 8	850 ± 8



## 122mm (Standard Arash-KATYUSHKA)

### General

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

**Application:** One set of this product is used as a propellant in 122mm rocket-standard range ARASH (Katyushka)

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

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



### TECHNICAL SPECIFICATIONS

	Long grain	Short grain
length (mm)	893 ± 7	893 ± 7
External Diameter (mm)	103.5 ± 2.5	93.5 ± 2.5
Internal Diameter (mm)	24.5 ± 1	13.5 ± 1
Single Grain Weight with inhibiting crown and spacer strip (kg)	11.2 ± 0.3	9.4 ± 0.3
One Set Weight (large & small grains) (kg)	20.6 ± 0.20	
Specific gravity (gr/c <sup>3</sup> )	min 1.57	min 1.57
Heat of explosion (cal/gr)	850 ± 8	850 ± 8

