



S8 (FADAK)



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 S8 air-base rocket.

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

Shelf life: 15 years (min)



TECHNICAL SPECIFICATIONS

Length	732 ± 2 mm
External diameter (calycle-shaped)	64.2 ± 0.7 mm
Internal diameter	Special shape
Weight	3.100 - 3.150 kg
Specific gravity	min 1.57 gr/c ³
Heat of explosion	790 ± 20 cal/gr



S24

General

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

Application: Seven grains are charged inside the rocket. It can be used as a propellant in Shafagh(S24) air-base rocket.

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



TECHNICAL SPECIFICATIONS

Length	1024 ± 1 mm
External diameter	73 ± 0.5 mm
Internal diameter	20.5 ± 0.5 mm
Weight	6.6 ± 0.030 kg
One set weight (Seven grains)	46.2 ± 0.2 kg
Specific gravity	min 1.56 gr/cm ³
Heat of explosion	850 ± 10 cal/gr

