



## PG29 (QADIR)

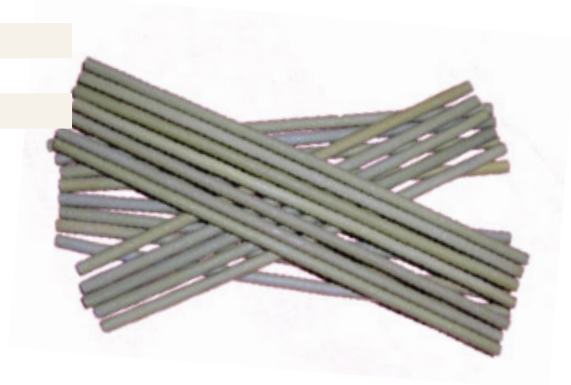


### General

Single base one perforated tubular propellant, containing Nitrocellulose (NC) and Diphenylamine (DPA). It is used in PG29 anti-tank rocket.

### TECHNICAL SPECIFICATIONS

Form	Tubular
Weight of grain	3.30 - 3.35 gr
Length	176.5 ± 2 mm
Outside Diameter	4.8 - 4.95 mm
Internal diameter	2.7 - 2.8 mm
Web thickness	0.40 ± 0.05 mm
Heat of explosion	975 - 990 cal/gr
Moisture	≤ 1.0 %
Residual solvent	≥ 0.5 %
Stability at 134.5 °C	≥ 55 min



PROPELLANT AND  
HIGH EXPLOSIVES

## MK5 (Flare Target) & MK34 (JATO)

### General

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

#### Application:

MK5 product is used as a propellant in Flare Target.

MK34(JATO) propellant is used as a launching propellant in controlled aircrafts.

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

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

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

### TECHNICAL SPECIFICATIONS

Type	MK5	MK34
Length (mm)	554 ± 0.5	315 ± 0.5
External Diameter (mm)	44.5 ± 0.5	39 ± 0.3
Internal Diameter (mm)	14.9 ± 0.3	9 ± 0.2
Grain Weight (gr)	1185 ± 15	575 ± 7
Specific gravity (gr/cm <sup>3</sup> )	min 1.57	min 1.57
Heat of explosion (cal/gr)	850 ± 8	850 ± 8

