



General

1. Double base rocket propellant, Tubular grains, is a kind of double base propellant containing Nitrocellulose (NC), Nitroglycerine (NG), Dinitrotuloene (DNT), Burning rate catalyst, Centralite and wax. It can be produced by solventless extrusion process.
2. Double base Strip propellant is kind of double base propellant containing Nitrocellulose (NC), Nitroglycerine (NG), plasticizer and Stabilizer.

Application:

1. Double base tubular grain is used as flight propellant in shoulder lunched RPG-7 Family.
2. Double base strip type propellant is used as start ignition charges for RPG-7 Family.

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

Self-life: 15 years (min)



TECHNICAL SPECIFICATIONS

Type	Start Ignition Charge	Flight Propellant
Length(mm)	225 ± 1.5	220 ± 1
External diameter (mm)	-	30.9 - 0.5
Internal diameter (mm)	-	12.7 ± 0.2
Thickness (mm)	0.45 ± 0.4	-
Width (mm)	6 ± 0.3	-
Weight (gr)	-	210 - 220
Specific gravity (gr/cm <sup>3</sup> )	-	min 1.57
Heat of Explosion (cal/gr)	1240 ± 20	880 ± 10
Stability at 120 °C	≥ 40	≥ 40