



7.62×54 mm



General

Application: propellant for 7.62 ×54mm cartridge (Ball & AP) for Grinov machine gun and Dragunov sniper rifle.
Packaging: Ball powder (7.62×54mm) is packed in seal metal drum or fiber drum and packages are placed on pallet in Shrinkage form. Net weight of each drum is 40 kg.
Storage: Ball powder (7.62×54mm) should be stored in -10°C up to +30°C.
Shelf life: 20 years

TECHNICAL SPECIFICATIONS

	Grinov		Dragunov
	AP	Ball	
Charge (gr)	3.0 ± 0.2	2.9 ± 0.1	3.2 ± 0.1
Projectile mass (gr)	9.6 ± 0.1	11.2 ± 0.1	9.6
Muzzle velocity (m/s)	820 ± 7	785 ± 7	830 ± 7
Standard Deviation of velocity (m/s)	Max. 6	Max. 6	Max. 5
Average pressure (bar)	Max. 3300	Max. 3000	Max. 3200
Average Grain Diameter (mm)	0.6 ± 0.05	0.65 ± 0.05	0.67 ± 0.05
Moisture & volatile (%)	Max.1.25	Max.1.25	Max.1.25
Appearance density (g/lit)	Min.945	Min.940	Min.940
Stability at 120 °C (min)	Min.60	Min.60	Min.60



7.92×57 mm (BERNO)

General

Application: propellant for Berno rifle
Packaging: Ball powder (Berno) is packed in seal metal drum or fiber drum and packages are placed on pallet in Shrinkage form. Net weight of each drum is 40 kg.
Storage: 20mm Volcan Ball powder should be stored in -10°C up to +30°C
Shelf life: 20 years

TECHNICAL SPECIFICATIONS

Charge	2.8-3.2 gr
Projectile mass	12.75 gr
Muzzle velocity	870 m/s
Average pressure	Max.3300 bar
Average Grain Diameter	0.65 ± 0.05 mm
Appearance density	940-980 g/lit
Stability at120 °C	Min. 60 min
Moisture & Volatile	Max. 1.25 %

