

40/90 mm Round **RTB-7LDMA** with Thermobaric Grenade **GTB-7LDMA**

RTB-7LDMA
NSN: 1310-50-001-5292

ROUNDS FOR LIGHT ANTI-TANK RECOILLESS SYSTEMS – RPG's

MAIN FEATURES:

The 40/90 mm Round **RTB-7LDMA** with Long Distance Thermobaric Grenade **GTB-7LDMA** is intended for combined destruction, both by air-blast and thermal emission:

- of enemy manpower
- equipment placed mainly in:
 - field type shelters
 - battlefield fortifications
 - reinforced buildings
 - stone, brick or concrete fortifications
 - caves
 - and in the open;
- of light armored and unarmored vehicles;

Performance:

- The Round consists of a Long-Distance Thermobaric Grenade **GTB-7LDMA** and a Propellant Charge **CP-77**.
- The Grenade is completed with Sustainer Motor **SM-71** and Point Detonating Fuze **AF72**
 - with super quick and graze (anti-ricochet) function, independent of impact angle.



40/90 mm Round RTB-7LDMA with Thermobaric Grenade GTB-7LDMA

TACTICAL-TECHNICAL CHARACTERISTICS	RTB-7LDMA
Caliber, mm	40 mm
Warhead caliber, mm	90 mm
Max sighting range, m/yds.	2,000 m / 2,187 yds.
Direct-fire range, m/yds.	250 m / 273 yds.
Weight of the round, kg/lbs.	max 3.19 kg / 7.0 lbs.
Weight of the grenade, kg/lbs.	max 2.71 kg / 5.9 lbs.
Muzzle velocity, m/s	100 m/s
Fire rate, shots/min	from 4 to 6
Type of explosive composition	TBC-2
Fuze type	Point-detonating Fuze AF72 with super-quick and graze (anti-ricochet) function, independent of impact angle
Operational temperature range, °C/°F	from -40°C to 50°C / -40°F to 122°F
CLASS OF EXPLOSION HAZARD:	1.1F, UN 0292

Weapons Systems

40 mm ARSENAL ATGL-L2 with Optical Sight SGL-7MA (Aiming distance up to 2000 m)

40 mm ARSENAL ATGL-L1 with Optical Sight SGL-7A (Aiming distance up to 500 m)

Russian RPG-7V Light Anti-Tank Grenade Launchers.

PACKING	RTB-7LDMA
6 Rounds are packed in a wooden case as follows:	6 Grenades GTB-7LDMA (each one in airtight plastic bag) 6 Propellant Charges CP-77 (each one in a plastic container; each 3 pcs. plastic containers in an airtight plastic bag).
Dimensions, mm/in	895 x 481 x 275 mm / 35.2 x 18.9 x 10.8 in
Weight, kg/lbs.	40 kg / 88.1 lbs.
Volume, m ³	0.118 m ³