

AEROFINA S.A.



**20 x 120 mm AMMUNITION -
High Explosive Incendiary (HEI)**

20 X 102 MM HIGH EXPLOSIVE INCENDIARY (HEI)

- High Explosive Incendiary - HEI is an ammunition designed to produce damage on target through a high explosive charge and incendiary effects.
- High Explosive Incendiary - HEI is certified with Romanian Air Force for use with cannons M61A1 and M621 fitted on F-16 aircraft and IAR 330 Puma helicopters.
- This type of projectile contains 11.5g of HEXAL-type explosive-incendiary payload
- It has no tracer.

Characteristics:

Nominal cartridge weight: Max. 259,9g

Nominal projectile weight: 101,4g

Transport / storage: UN classification 1.2 E

Environment Explosive - incendiary projectile with impact fuse M505A3

Technical Data:

Muzzle velocity: 1030m/s

Action time: <4ms

Safety conditions in operation, without failure or rebound, with the arming of the fuse at a distance of more than 6 m from the muzzle of gun.

Operating Temperature: -54°C to 71°C

Time of flight: 1000m distance 1,396 sec

Environmentally Friendly Explosive - incendiary projectile with impact fuse M505A3

TESTING AND QUALIFICATION

The design is accomplished according to STANAG 3586/Edition 6 requirements.
All tests were performed according to MIL-STD-810F requirements.

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