



ORBITALA

who dares wins

PRODUCT: RDX

Chemical name: Cyclotrimethylenetrinitramine

Chemical formula: $C_3H_6N_6O_6$

MIL SPEC: MIL-DTL-398D

Particle sizes: according to MIL specs according to class 1+ class 5

CAS number: 121-82-4

Purity: 100%

UN number: UN0072

Class: 1.1 D

CHARACTERISTIC:

Melting point: 190 °C

Density: 1.82 g/cm³

Heat of formation: -2092.0 ± 2.1 kJ/mol solid phase

Volume of detonation gases: 900 l/kg

Critical diameter of steel sleeve test: 8 mm

Detonation velocity: 8 750 m/s (1.76 g/cm³)

Friction sensitivity (ISF): 120 N

Impact sensitivity (ISI): 7.5 J

USES:

Used especially as an explosive and variety of possibilities