

RDX (Hexogen, Cyclonite, Cyclotrimethylenetrinitramine) WETTED WITH WATER (≥15%)

Characteristics: White crystal, without mechanical impurities.

Molecular formula: C₃H₆N₆O₆

EINECS: 204-500-1

CAS Number: 121-82-4

UN 0072, Class 1.1 Group D (Explosives)

Characteristics	
Crystal Density, g/cm ³ :	1.816
Detonation Velocity, m/s:	8750
Oxygen Balance, % (m/m):	-21.6
Heat of Explosion, kJ/kg:	5723
Impact Sensitivity, N/m:	7.5
Friction Sensitivity, N:	120

Index	Type I	Type II
Melting point, °C, min	200	190
Insoluble in acetone, % (m/m), max	0.05	0.05
Content of Ash, % (m/m), max	0.03	0.03
Acidity as HNO ₃ , % (m/m), max	0.05	-
Acidity as CH ₃ COOH, % (m/m), max	-	0.02
Content of HMX (β modification), % (m/m)	0.0 - 5.0	4.0 - 17.0

