



Composition B Explosive

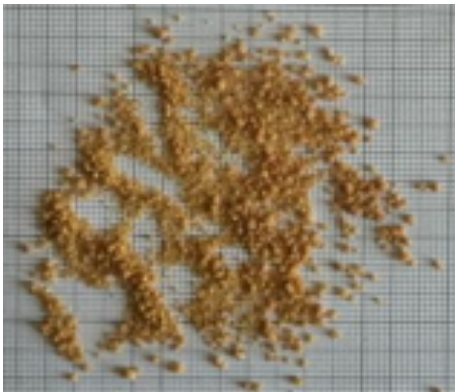
Comp B (RDX / TNT)

Description

Comp B explosive consists of a castable mixture of RDX and TNT. It comes in the form of yellow to brown granules without visible impurities or signs of moisture.

Application

Comp B is used as the main explosive melt-cast filling in various munitions, such as artillery projectiles, rockets, land mines, hand grenades, etc.



Specifications

Composition:	RDX: 59.5 ± 2.0 % TNT: 39.4 ± 2.3 % Wax: 1.0 ± 0.3 % per MIL-W-20553D
Specification:	MIL-C-401E Type I, Grade A&B
Synonyms:	Hexotol, Hexolite
Appearance:	solid, granulated, yellow/brown
Odor/Taste:	odorless, tasteless
Granulation:	per customer requirement
Melting Point:	~80°C
Volatile Matter:	≤ 0.2% (m/m)
Insoluble Materials:	≤ 0.2% (m/m)
Content of Ash:	≤ 0.1% (m/m)
Acidity HNO₃:	≤ 0.05% (m/m)
Alkalinity:	none
Viscosity, Efflux:	3.5 to 7 sec
Density:	1.65 g/cm ³ at 20°C
Detonation Velocity:	8050 m/s
Shipping	
Hazard Class:	1.1 D
UN Number:	0118
Shipping Name:	Hexolite (Hexotol), dry or wetted
Packing:	25 ± 0.2 kg / sealed plastic bag 1 plastic bag / cardboard box
Box Dimensions:	380 x 375 x 335 mm
Box Gross Weight:	27 kg