



HMX (Octogen- Cyclotetramethylene Tetranitramine)



Description

HMX is a very powerful military explosive with similar properties to RDX. It is very stable and requires a powerful detonator or booster charge to detonate. HMX appears in four modifications, of which only the β -modification displays a particularly high density and hence a particularly higher detonation rate.

HMX is the best explosive for penetrator and anti-armor warhead like Tow missile, anti-ship missile, heat resistant explosives, shock tube, etc.

It is used as an Oxidizer in solid rocket and Gun propellants. We also offer an ultra-high purity grade of HMX with 99.8% (Min) β -HMX. This grade is primarily used in the manufacturing of perforators for the oil drilling industry. RS-HMX also produced by HMX product of modified Bachmann process (for cast-cured compositions).

Application

- Melt-cast and pressed explosive ammunition
- Cast PBX charges for insensitive munitions
- Detonating and non-detonating cords
- Initiation and main charges for oil well perforating charges

Packaging

Polyethylene bag, 25 kg net of dry substance in wooden box or barrel.
UN. No: 0226, 0484



TECHNICAL SPECIFICATIONS

Parameter	Type A	Type B	Type HP
Appearance	White crystalline	White crystalline	White crystalline
Melting point (°C)	Min. 277	Min. 277	Min. 277
Purity (%)	Min. 93	Min. 98	Min. 99.8
RDX (%)	Max. 7	Max. 2	Max. 0.2
Total Insoluble in acetone (%)	Max. 0.05	Max. 0.05	Max. 0.05
Inorganic Insoluble (%)	Max. 0.03	Max. 0.03	Max. 0.03
Granulation	Based on customer order	Based on customer order	Based on customer order