



HEXOMAX[®]



Enhanced Performance Plastic Explosive

At the leading edge in the field of Plastic Bonded eXplosives material (PBX), EURENCO has developed a brand new range of demolition explosives for civil or military applications such as breaching, cutting, demilitarisation, etc. HEXOMAX is our new bulk plastic explosive presented in blocks of 500g each. RDX based, it provides high detonation performance and exhibits outstanding malleability even at low temperature.



Application and user's advantages

- Enhanced performance Plastic Explosive (RDX based)
- Outstanding malleability vs. C4 composition at all temperatures
- No residue of exudation (contains no liquid or melting component)
- Totally compliant with new international requirements on the marking of Plastic Explosives (Montreal Convention).



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Product Description

- Composition: 88% RDX, Polymeric Binder
- Marking agent: DMNB 1%
- Blocks of 500g ea.
- Colour: White
- Consistence: Malleable

Product Characteristics

- Velocity of detonation: 7850 m/s
- Density: 1.50
- Plasticity: keeps its properties from -40°C to 60°C (≤ 8; GEMO FE 371-A1 test)
- Friction sensitivity: 353 N
- Shock sensitivity (30 kg drop hammer):
 - No propagation height: ≥ 4 m
 - No reaction height: 2.75 m
- Progressive heating, auto-ignition temperature: 210°C
- Hazard classification code: 1.1D
- Temperature of use: - 40°C to + 63°C
- Storage Temperature: - 46°C to + 71°C



Based on modern know-how of plastic binder systems, our PBX technology introduces unique advantages such as:

- High malleability even at low temperature
- Extended shelf life (up to 20-year in normal storage conditions)
- No residue of exudation

 **EURENCO**
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