

For more than 10 years, our R&D teams perform research and development of new energetic substances to satisfy the future requirements of our customers. Leading worldwide specialist in the field of high explosives, EURENCO offers further new energetic molecules such as DADNPO, manufactured thanks to its modern multipurpose units.

PRODUCT

- Trade name: DADNPO
- Chemical name: (2,6-dinitro 3,5-diamino pyridine-N-oxide)
- Chemical formula: $C_5H_5N_5O_5$
- Crystalline powder suitable for pressable compositions

CHARACTERISTICS

- Detonation velocity: Approx. 7000 m/s
- Volume of detonation gases: 700 l/kg
- Autoignition temperature: > 350 °C
- Friction sensitivity (ISF): > 350 N
- Impact sensitivity (ISI): 19 J
- Vacuum stability: 8.4 ml/g*h at 282°C (42.1 for HNS)

USES

DADNPO is used in oil well completion at higher depth than HNS shaped charges, owing to a higher heat resistance with identical performance.

