

JA-2 Tank Propellants



Customized Formulations for Tank Rounds

Alliant's JA-2 is a powerful 120mm tank propellant used in armor piercing ammunition for the M829 (Kinetic Energy), M830 (HEAT), and M1028 family of rounds. Battlefield proven during Operation Desert Storm, JA-2 is specifically formulated to deliver the highest performance of any tank ammunition propellant on the market.

Derived from a double base, solventless formulation, JA-2 is tightly controlled for battlefield success.

With superior ballistics and reliability, JA-2 meets the high demands of Kinetic Energy (KE); Armor Piercing, Fin Stabilized, Discarding Sabot Tracer (APFSDS-T) and High Explosive Anti-Tank (HEAT) rounds.

JA-2 comes in sheet, stick and granular forms for use as a tactical propelling charge for tank systems or in acceptance testing and range applications.

Propellant Characteristics

- Formulation: Double base solventless
- Geometry: 7 and 19 perf stick, granular, cylindrical, hexagonal, and sheet
- Isochoric Flame Temperature: 3,400°K
- Impetus: 380K ft. lb./lb.

1140 J/g

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