lebronze alloys

Critical metallurgy

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DEFENCE
OFFER

lebronze alloys

World leader
in performance

MATERIALS FOR
CRITICAL APPLICATIONS

World leader in performance materials for critical applications

Lebronze alloys is **a world leader in the development and fully integrated production of performance materials for critical applications**. With main plants located in France and Germany, ensuring sovereignty, full traceability, and secured supply chains.

+90
years of experience

+250
alloys

8
production plants

300 M€
annual revenue

6
service centers

1000
talents

Lebronze alloys grows technical solutions for Defence

The Group's extensive range of alloys, combined with its diversified expertise, enables a strong presence across numerous Defence applications and systems.

Copper-nickel parts for marine environments

Our copper nickel alloys offer outstanding corrosion resistance properties. Produced at the Suippes (FR) site and processed at the Breteuil (FR) site, they are widely used in the seawater cooling circuits and fire fighting systems of Naval Group frigates and submarines.

Copper-aluminium alloys and Hardiall®

The alloys produced at the Suippes (FR) and Bornel (FR) sites are used in friction parts and actuators for renowned French defense programs, in particular Rafale and Barracuda. Their high friction resistance extends and secures maintenance intervals and opens up opportunities for demanding land-based applications.

Defence electronic components

The Bornel (FR) site specializes in strip and wire products dedicated to electronic components. These products are used in defence electronic systems such as onboard communication systems and detection systems.

Ammunition components

Our Bornel (FR) and Lüdenscheid (DE) sites manufacture high-performance alloys used in ammunition: ARCAP®, brasses, lead-free brasses, and Copper-Nickel-Silicon alloys.

Other applications

Our alloys are also used in related applications such as parachute loops, sporting and training ammunition, and materials for ruggedized military connectors, among others.

R&D capabilities for Defence applications

- UC500® alloy for high-performance cabling
- Hardiall® for friction applications in extreme conditions

THEY HAVE CHOSEN TO PLACE THEIR TRUST IN US

AIRBUS HELICOPTERS · BAE SYSTEMS · DIXI microtechniques · KNDS · LEONARDO · NAVAL GROUP · GENERAL DYNAMICS NASSCO · Together ahead. RUAG · SAFRAN · THALES

Our worldwide footprint