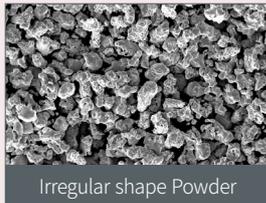


NANOKOREA Co., Ltd.

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major business	Manufacturing Industry of Metal Powder		

NANOKOREA Co., Ltd. has succeeded in localizing manufacturing process technology of all metal powders imported from overseas with its Atomizer(water jet, gas jet) and is supplying iron and non-iron metal powders to customers. NANOKOREA is striving to develop metal powder technology that can be applied to more diverse fields to expand its market, and continues to develop new high-value markets such as 3D printing.

Products



Use for Automotive Parts, Semiconductor
Description Membrane Custom manufacturing
 (Fe-base, Stainless Steel, Ni-base, Co-base, Cu-base, Ti-base etc)



Use .) for 3D Printing, Medical, Military, Aerospace
Description Custom manufacturing
 (Fe-base, Stainless Steel, Ni-base, Co-base, Cu-base, Ti-base etc)



Use .) for Medical, Military, Aerospace
Description Maximizing the Mechanical property limits of powder metallurgy processes $\Phi 600 \times L1,000(\text{mm})/1,500^\circ\text{C}-1,000\text{bar}$

Technical Capacity

» Atomization

Atomizing condition depends on temperature of the melt stream, such as Water jet nozzle angle, Water Jet nozzle pressure and diameter of the orifice

» Ball Mill Process

It is possible by mixing and crushing two or more types of powder

» Hot Isostatic Press

High-density and high-strength products can be manufactured by high-temperature and high-pressure

» Electrode Induction melting Gas-Atomization

The technology to manufacture by Melting an alloyed electrode, it can continuously manufacture high-purity metal powder