



AMG ALPOCO UK LIMITED

Manufacturing powders that matter for over 70 years



England
& Wales

Company Overview & Production Capabilities

AMG Alpoco UK Limited (Alpoco) is a world leader and major producer of air and gas atomised aluminium powders, aluminium alloy powders and aluminium granules.

Alpoco holds a unique position within the aluminium industry, thanks in large part to our state of the art equipment for both closed and open circuit powders, coupled with one of the largest production capacities in the world the company continues to remain the market leader supporting all major space and defence programs around the globe.

The company began manufacturing aluminium powders in 1940, at Birmingham in the UK, when Metal and Alloys, the former parent company, became a supplier of coarse powders for military applications. In 1969 Alpoco was incorporated and in 1970 a powder atomizing facility was established on a new site at Holyhead, North Wales.

From humble beginnings, Alpoco now supplies high purity powders for pigments, metallurgical, and chemical applications, by using superfine spherical and irregular shaped micron sized powders to meet critical requirements.

Through our extensive research and development programs, our products continue to evolve, which allows us to broaden the range and complexity of industries now served. Similarly, by encouraging joint research projects with our suppliers and customers we ensure additional on going product development, which enables Alpoco as well as our customers to stay on top of a ever evolving marketplace.

In conclusion, Alpoco remains a versatile, accomplished and independent producer of a complete range of specialized aluminium, aluminium alloy powders and granules to serve an ever expanding need.

Sustainability

Alpoco is fully committed to a policy of sustainability in all of its business activities. We are accredited to ISO9001 (2015), operating an environmental management system based on ISO14001 requirements and have achieved integrated pollution prevention status. We also hold the ISO18001 occupational health & safety accreditation.

Products & Applications

Alpoco's products comprise of air and gas atomised irregular, spherical powders and granules. Compositions range from aluminium alloys, super pure (al 99.9%) to secondary aluminium (al 95%).

Aluminium Powder sizing ranges from 4 micron to 1mm, enabling Alpoco to cover a broad spectrum. Our production facilities hold state of the art equipment, coupled with over 75 years experience provides unrivalled capabilities.



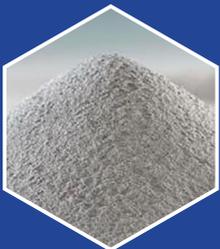
Brazing & Flux

Particle morphology can be tailored to application by selection of atomization gas. Wide range of alloy compositions are available, with the ability to customize particle size ranges to meet exacting standards.



Aerospace & Defence

Alpoco holds a unique position within this industry, using state of the art equipment for both closed and open circuit powders, coupled with one of the largest production capacities. Alpoco continues to remain the market leader supporting all major space and defence programs, globally.



Alloy Powders

Particle morphology can be tailored to application by selection of atomisation gas. Wide range of alloy compositions are available, with the ability to customise particle size ranges to meet exacting standards.

Below are a few examples of the standard alloys we manufacture:

Al Alloys – 1XXX – 7XXX

AlSi7mg – AlSi10mg

AlSi 5 – 20%



Granules

Centrifugally spun Granules ranging from 75 to 850 microns with a minimum purity of 99.7%.



Industrial



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ZERO ACCIDENTS IS OUR GOAL