

# SILMIL™

## High purity silicon powder for advanced technologies

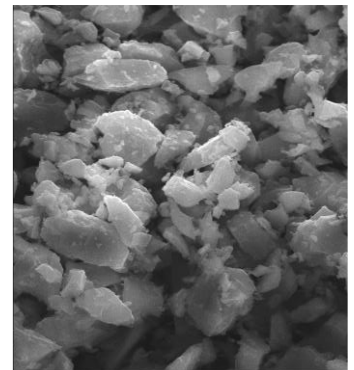
**SILMIL™** is a high purity sized metallurgical silicon, especially designed and customized for different applications such as the ceramic industry (for example ceramic bearings or cutting tools), pyrotechnical mixes, filler for epoxy in microelectronics, sputtering targets, and aesthetical applications. Our production technology allows us to offer tailored solutions for each application.



- Produced responsibly in the Ferroglobe Sabón plant located in Northwest Spain



- Extremely consistent quality
- Customization in purity and size
- Technical support from our Innovation team
- The most cost competitive solution



Ferroglobe is a global leading producer of silicon metal and its alloys and provides best-in-class services to customers worldwide in fast-growing and dynamic end-sectors such as solar, automotive, consumer products, construction, or energy.





- ✓ Expert in pyro-metallurgy with proprietary technology on silicon purification
- ✓ State-of-the-art laboratory with dedicated R&D facility
- ✓ Complete value chain from quartz to finished silicon products
- ✓ Chemical-free processes
- ✓ Lowest carbon footprint
- ✓ ISO 9001, ISO 14001, ISO 50001, and OHSAS 18001 certified

## Physical and Chemical Characteristics:

	SILMIL™ MG	SILMIL™ HP	SILMIL™ Pristine
	Spec.	Spec.	Spec.
Si Content (%)	>99	>99.9	>99.99
IMPURITIES (%):			
Fe	<0.50	<0.05	<0.005
Al	<0.20	<0.01	<0.001
Ca	<0.05	<0.01	<0.001
Ti	<0.02	<0.005	<1ppmw

- These are the maximum impurities, other compositions available on request.
- Available in different sizes: 0-10, 0-20, 0-45, 0-60, 0-75, 0-250 µm and 0.2-2.0 mm
- SILMIL™ can be delivered in 1000 kg big bags or 25 kg paper bags. Other non-standard packaging on request.



Please consult with us directly for more information.

Contact us: E-mail: [innovation@ferroglobe.com](mailto:innovation@ferroglobe.com) / Website: [www.ferroglobe.com](http://www.ferroglobe.com)

