

Oxygen absorbers

Specialised powders for high-efficiency oxygen absorption

Höganäs sponge iron powder is used in highperformance **oxygen absorber** systems.

The porous structure, resulting from the sponge iron production process, ensures consistent reactivity and reliability in oxygen removal from sealed environments.

This contributes to extended shelf life, product stability, and reduced degradation in sensitive applications.

Main product benefits:

- >> Highly porous structure
- >> Optimised particle size distribution
- >> High purity with low contaminants
- >> Excellent blending & flowability
- >> Tailored reactivity
- >>> Proven quality & supply security

Scan the QR code for more information on oxygen absorbers and other Höganäs products.





With decades of expertise in iron powder technology, Höganäs offers more than a material — we deliver application know-how, technical support, and consistent supply. Our sponge iron powder helps manufacturers meet demanding performance, cost, and regulatory targets while protecting product integrity and brand reputation.

Main applications

Food packaging

Preserving freshness, flavour, and appearance in snacks, bakery goods, and ready-to-eat meals.

Industries:

- Pharmaceuticals & nutraceuticals
- Electronics & precision components
- Industrial & specialty packaging

Typical values

Products	Apparent density (g/cm³)	Fe (%)	As (ppm)	Pb (ppm)	Hg (ppm)	Particle size distribution (%)		
						>150µm	150-45µm	<45 μm
InSIP-A	2.2	94	2.42	<0.05	<0.05	12	76	12
NC100.24	2.4	98	0.53	<0.05	<0.05	9	71	20
OAB 100.22	2.2	93	-	-	-	6	74	20
SIP-80F	2.3	92	-	-	-	6	74	20

