



Spherical Fe-Si powders with very low losses for soft magnetic applications

An all-round solution

Höganäs offers high-purity spherical Fe-Si powders designed to provide an optimum combination of characteristics for soft magnetic applications. These silicon-alloyed powders combine good powder properties, low losses and excellent DC bias, and are available as standard or tailored products to match your application needs.

Our offer

- Höganäs is a leading manufacturer of ferrous powder and have served the industry for more than 40 years
- Two standard compositions: 6.8 and 3.5% Si with two sieve cuts, -355 μm and -150 μm
- Tailored compositions are available on request
- Customized sieve cuts are available on request

Your benefits

- Very low losses
- Good powder properties
- Excellent DC bias

Material	Si content (%)	Sieve cut	Average particle size (μm)
FeSi 68 HQ	6,8	-355	150
FeSi 68 HQ	6,8	-150	90
FeSi 35 HQ	3,5	-355	150
FeSi 35 HQ	3,5	-150	90

Typical data

C (%)	O (%)	N (%)	S (%)	AD (g/cm^3)	Flow (s/50g)
0,005	0,3	0,007	0,005	4,4	16