

Data Sheet — FeSi3

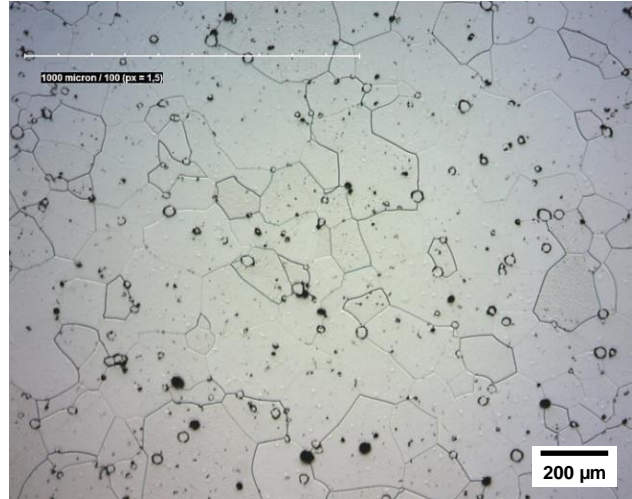
for technical applications

Comparable Standards	DIN 1.0884	
	ISO 22068 MIM-Fe3Si-55	MPIF Standard 35 MIM-Fe-3%Si

Composition	Fe	C	Si	others
	min (wt.%)	-	2.5	-
	max (wt.%)	Bal.	0.1	4.0

Typical Properties	Density	Hardness	R _m	R _{p0.2}	A ₁₀
	g/cm ³	HV10	MPa	MPa	%
	as sintered	≥ 7.45	≥ 140	≥ 440	≥ 280

Microstructure as sintered



Characteristics soft magnetic iron-silicon alloy

Typical Applications control- and regulating technology: particularly for applications requiring low magnetic loss or high electric resistance.

These data presented here are based on our current knowledge and experience, but no liability can be assumed.