Fe50Ni B

Product	Fe50Ni B Fe50Ni B (For general-purpose)		
Product description	Feedstock for metal injection moulding.		
Oversize factor	Min. 1.213	Average 1.216	Max. 1.219
MFI g/10min	min. 500	Average 800	Max. 1100

DIN EN ISO 1133 (190°C/21.6kg)

Typical composition after Sintering

	Fe	C	Cr	Ni	Mo	Mn	Si	S	P
>	-		-	49.0	-	-	-	-	-
<	Bal.	0.01	-	51.0	-	-	-	-	-

Typical properties

Project	as sintered
Density	>7.85 g/cm³
Hc Coercive force	10 A/m
Residual magnetic induction	0.8T
Permeability	μ_{max} =28000
Magnetization intensity	Js(4Ka/m)=1.36T
Hardness	110-160HV10