



MATERIAL DATA

Magnetic values

		20°C	
Maximum Energy Product	Typ	KJ/m ³	251
	Min	KJ/m ³	239
Remanence B_r	Typ	mT	1155
	Min	mT	1140
Reversible temp coefficient of B_r	Typ	-%/°C	-0.1
Coercivity H_c	H_{cb} Typ	kA/m	865
	H_{cb} Min	kA/m	824
	H_{cj} Typ	kA/m	2000
	H_{cj} Min	kA/m	2000
Curie Temperature	Min	°C	380
Max operating temp	Typ	°C	150
Magnetising field strength	Typ	kA/m	3000

Mechanical values

		20°C	
Density	Typ	g/cm ³	7.50
Hardness	Typ	HV	500 - 520
Elasticity Modulus	Typ	10 ³ N/MM ²	135
Compressive Strength	Typ	N/mm ²	980
Flexural Strength	Typ	N/mm ²	260
Spec. Heat Capacity	Typ	J/(kg-K)	410
Thermal Conductivity	Typ	W/mK	7