



MATERIAL DATA

Magnetic values

			20°C
Maximum Energy Product	Typ	KJ/m ³	291
	Min	KJ/m ³	279
Remanence	Typ	mT	1240
	Min	mT	1220
Reversible temp coefficient of Br	Typ	-%/°C	-0.1
Coercivity Hc	H _{cb} Typ	kA/m	939
	H _{cb} Min	kA/m	914
	H _{cj} Typ	kA/m	1200
	H _{cj} Min	kA/m	1200
Curie Temperature	Min	°C	320
Max operating temp	Typ	°C	80
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