



MATERIAL DATA

Magnetic values			20°C
Maximum Energy Product BH _(max)	Typ	KJ/m ³	303
	Min	KJ/m ³	287
Remanence Br	Typ	mT	1255
	Min		1220
Reversible temp coefficient of Br	Typ	-%/°C	0.11
Reversible temp coefficient of H _{cj}	Typ	-%/°C	0.6
Coercivity	H _{cb} Typ	kA/m	955
	H _{cb} Min	kA/m	907
	H _{cj} Typ	kA/m	1592
	H _{cj} Min	kA/m	1592
Curie temperature	Min	°C	380
Max operating temp	Typ	°C	150
Magnetising field strength	Typ	kA/m	5000

Mechanical values			20°C
Density	Typ	g/cm ³	7.50
Hardness	Typ	HV	500 - 520
Elasticity Modulus	Typ	10 ⁹ 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