



MATERIAL DATA

Magnetic values		20°C	
Maximum Energy Product BH _(max)	Typ	KJ/m ³	391
	Min	KJ/m ³	374
Remanence Br	Typ	mT	1430
	Min		1400
Reversible temp coefficient of Br	Typ	-%/°C	0.11
Reversible temp coefficient of H _{cj}	Typ	-%/°C	0.85
Coercivity	H _{cb} Typ	kA/m	1093
	H _{cb} Min	kA/m	1046
	H _{cj} Typ	kA/m	876
	H _{cj} Min	kA/m	876
Curie temperature	Min	°C	320
Max operating temp	Typ	°C	80
Magnetising field strength	Typ	kA/m	2500

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