



### MATERIAL DATA

#### Magnetic values

		20°C	
Maximum Energy Product	Typ	KJ/m <sup>3</sup>	271
	Min	KJ/m <sup>3</sup>	263
Remanence Br	Typ	mT	1200
	Min	mT	1170
Reversible temp coefficient of Br	Typ	-%/°C	-0.1
Coercivity Hc	H <sub>cb</sub> Typ	kA/m	900
	H <sub>cb</sub> Min	kA/m	876
	H <sub>cj</sub> Typ	kA/m	1700
	H <sub>cj</sub> Min	kA/m	1700
Curie Temperature	Min	°C	350
Max operating temp	Typ	°C	120
Magnetising field strength	Typ	kA/m	3000

#### Mechanical values

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