



MATERIAL DATA

| Magnetic values | | 20°C | |
|--|---------------------|-------------------|-------|
| Maximum Energy Product BH _(max) | Typ | KJ/m ³ | 239 |
| | Min | KJ/m ³ | 223 |
| Remanence Br | Typ | mT | 1115 |
| | Min | | 1080 |
| Reversible temp coefficient of Br | Typ | -%/°C | 0.08 |
| Reversible temp coefficient of H _{cj} | Typ | -%/°C | 0.45 |
| Coercivity H _c | H _{cb} Typ | kA/m | 852 |
| | H _{cb} Min | kA/m | 804 |
| | H _{cj} Typ | kA/m | 2786 |
| | H _{cj} Min | kA/m | 2786 |
| Curie temperature | Min | °C | 380 |
| Max operating temp | Typ | °C | 200 |
| Magnetising field strength | Typ | kA/m | 10000 |

| 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 |