



**MATERIAL DATA**

| Magnetic values                   |                     | 20°C              |      |
|-----------------------------------|---------------------|-------------------|------|
| Maximum Energy Product            | Typ                 | KJ/m <sup>3</sup> | 48   |
| BH <sub>(max)</sub>               | Min                 | KJ/m <sup>3</sup> | 40   |
| Remanence                         | Typ                 | mT                | 550  |
| Br                                | Min                 |                   | 500  |
| Reversible temp coefficient of Br | Typ                 | -%/°C             | 0.1  |
| Coercivity                        | H <sub>cb</sub> Typ | kA/m              | 340  |
|                                   | H <sub>cb</sub> Min | kA/m              | 320  |
|                                   | H <sub>cj</sub> Typ | kA/m              | 590  |
|                                   | H <sub>cj</sub> Min | kA/m              | 560  |
| Curie temperature                 | Min                 | °C                | 400  |
| Max operating temp                | Typ                 | °C                | 150  |
| Magnetising field strength        | Typ                 | kA/m              | 1600 |

| Mechanical values |     | 20°C              |      |
|-------------------|-----|-------------------|------|
| Density           | Typ | g/cm <sup>3</sup> | 5.45 |
| Hardness          | Typ | HRB               | 42.5 |