



MATERIAL DATA

| Magnetic values | | 20°C | |
|---|---------------------|-------------------|------|
| Maximum Energy Product BH _(max) | Typ | KJ/m ³ | 374 |
| | Min | KJ/m ³ | 358 |
| Remanence Br | Typ | mT | 1400 |
| | Min | | 1370 |
| 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 | 1068 |
| | H _{cb} Min | kA/m | 1022 |
| | 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 |