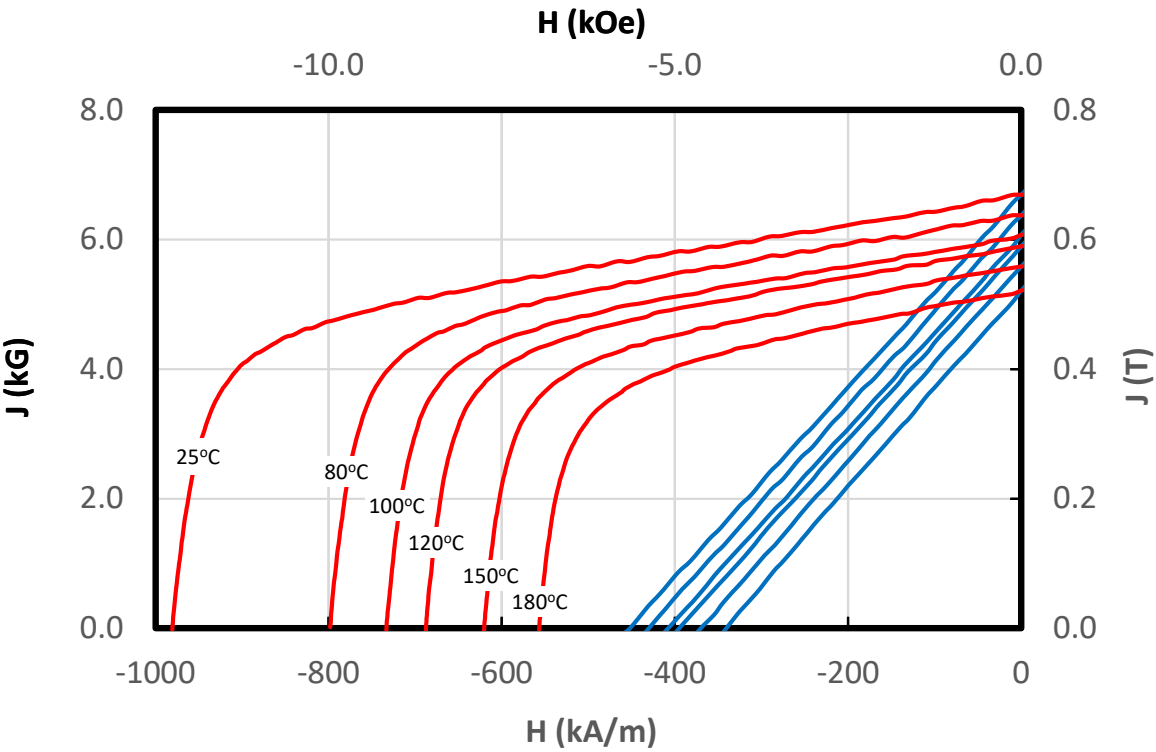


COMPRESSION MOLDED BONDED MAGNETS

MQ1™-10H

MAGNETIC PROPERTIES

|                                       |       | SI                        | CGS           |
|---------------------------------------|-------|---------------------------|---------------|
| Residual Induction, $B_r$             | ..... | 640-700 mT                | 6.4-7.0 kG    |
| Coercive Force, $H_{cb}$              | ..... | 420-485 kA/m              | 5.3-6.4 kOe   |
| Intrinsic Coercivity, $H_{ci}$        | ..... | 875-995 kA/m              | 11.0-12.5 kOe |
| Energy Product, $(BH)_{max}$          | ..... | 72-80 kJ/m <sup>3</sup>   | 9.0-10.0 MGOe |
| Density                               | ..... | 5.9-6.1 g/cm <sup>3</sup> |               |
| Temperature Coefficient of $B_r$      | ..... | -0.12 %/°C                |               |
| Temperature Coefficient of $H_{ci}$   | ..... | -0.34 %/°C                |               |
| Curie Temperature                     | ..... | 306 °C                    |               |
| Max. Operating Temperature            | ..... | 140-180 °C                |               |
| Magnetizing Field to ≥ 95% Saturation | ..... | 1600 kA/m                 | 20 kOe        |
| Recoil Permeability                   | ..... | 1.2 μH/M                  |               |



## MQ1™-10H

COMPRESSION MOLDED  
BONDED MAGNETS

### MAGNET AGING LOSS

