



**Acemad Group Ltd**

137 Zhongshan East Road, Ningbo, Zhejiang Province, China

Tel: +86-574-87369417, 87026256 Fax: +86-574-87344602 [magnetech@vip.163.com](mailto:magnetech@vip.163.com) [www.acemademagnets.com](http://www.acemademagnets.com)

## SINTERED NdFeB MAGNETS

### TYPICAL PHYSICAL PROPERTIES

Parameters	Value
Curie Temperature T <sub>c</sub>	310-370°C
Maximum Operating Temperature	80-230°C
Resistivity	160μΩ-cm
Density	7.40-7.8g/cm <sup>3</sup>
Relative Recoil Permeability(Rec)	1.05Gs/Oe
Specific Heat	0.12KCal/Kg
Horizontal Deformation Coefficient	0.24
Vickers Hardness	550-650HV
Compressibility	9.8x10 <sup>-12</sup> m <sup>2</sup> /N
Saturation Field Strength	30-40Koe
	2.400-3.200KA/m
Temperature Coefficient of Br	-0.13 ~ -0.09%/°C
Temperature Coefficient of H <sub>cj</sub>	- 0.7~-0.45%/°C
Thermal Expansion	4x10 <sup>-6</sup> /°C