

COMPRESSION MOLDED BONDED MAGNETS

MQ1™-14

MAGNETIC PROPERTIES

		SI	CGS
Residual Induction, B_r		835 mT	8.35 kG
Coercive Force, H_{cb}		530 kA/m	6.6 kOe
Intrinsic Coercivity, H_{ci}		725 kA/m	9.1 kOe
Energy Product, $(BH)_{max}$		112 kJ/m ³	14.0 MGOe
Density		6.4-6.6 g/cm ³	
Temperature Coefficient of B_r		-0.09 %/°C	
Temperature Coefficient of H_{ci}		-0.34 %/°C	
Curie Temperature		360 °C	
Max. Operating Temperature		120-130 °C	
Magnetizing Field to ≥ 95% Saturation		1600 kA/m	20 kOe
Recoil Permeability		1.2 μH/M	

