

COMPRESSION MOLDED BONDED MAGNETS

MQ1™-4

MAGNETIC PROPERTIES

		SI	CGS
Residual Induction, B_r		420-500 mT	4.2-5.0 kG
Coercive Force, H_{cb}		263-318 kA/m	3.3-4.0 kOe
Intrinsic Coercivity, H_{ci}		560-675 kA/m	7.0-8.5 kOe
Energy Product, $(BH)_{max}$		28-40 kJ/m ³	3.5-5.0 MGOe
Density		5.9-6.2 g/cm ³	
Temperature Coefficient of B_r		-0.13 %/°C	
Temperature Coefficient of H_{ci}		-0.32 %/°C	
Curie Temperature		184 °C	
Max. Operating Temperature		130-140 °C	
Magnetizing Field to ≥ 95% Saturation		1270 kA/m	16 kOe
Recoil Permeability		1.2 μH/M	

