

COMPRESSION MOLDED BONDED MAGNETS

MQ1™-3

MAGNETIC PROPERTIES

		SI	CGS
Residual Induction, B_r		310-470 mT	3.1-4.7 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, $(BH)_{max}$		20-32 kJ/m ³	2.5-4.0 MGOe
Density		5.9-6.1 g/cm ³	
Temperature Coefficient of B_r		-0.16 %/°C	
Temperature Coefficient of H_{ci}		-0.33 %/°C	
Curie Temperature		184 °C	
Max. Operating Temperature		120-140 °C	
Magnetizing Field to ≥ 95% Saturation		1270 kA/m	16 kOe
Recoil Permeability		1.2 μH/M	

