



		Typical	Minimum
Residual Induction Br	G	5,300	4,900
Coercive Force Hc	Oe	4,970	4,570
Intrinsic Coercive Force Hci	Oe	9600	9,420
Max. Energy Product (BH)max	MGOe	6.5	5.8
Material Density	g/cm <sup>3</sup>	5.6	
Max. Operating Temperature	C	180	
Temperature Coefficient for B	-%/C	0.03	
Temperature Coefficient for H	-%/C	0.30	
Required Magnetizing Force	Oe	25,000	
Material Composition	SmCo powder w/ PA6, PPS		

**Injection Molded Samarium Cobalt magnets** are made with SmCo powder compounded with a binder material which is then molded into highly complex shapes or co-injected with other materials to form complete assemblies. Very low magnetic degradation

For more information please call or email Alliance technical support at:

Phone: 219-548-3799 Fax: 219-548-7071 email: [engineering@allianceorg.com](mailto:engineering@allianceorg.com)