

# Product specification

Product name	Colour Magnet Dia13mmX6mm Black				
Item	Name	Symbol	SI	CGS	
Shape	Diameter	D	13 mm	1.3 cm	
	Height	H	6 mm	0.6 cm	
	Direction of magnetization	M	Assiale		
	Surface treatment	Nylon	500 $\mu$ m		
Measuring point	Surface flux density	B	132.2 mT	1322 G	
	Attractive force	F	- kgf	- gf	
	Magnetic flux density on load point	Bd	214.2 mT	2142 G	
	Total flux	Dia o	0.00002844 Wb	2844 Mx	
	Permeance coefficient	Pc	1.28 Pc	-	
	Operationg temperature range	Tw	- deg C	- deg F	
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	Material grade	Colour Magnet	Y30		
Material characteristics	Remanence	Br	380-420 mT	3.8-4.2 kG	
	Coericive forces	Hcb	160-216 kA/m	2.0-2.7 kOe	
	Intrinsic coercivity	Hcj	- kA/m	- kOe	
	Maximum energy product	BH	26.3-29.5 kJ/m3	3.3-3.7 MGOe	
	Temperature coefficient	Br	-0.18 %/deg C	31.68 %/deg F	
		Hcj	- %/deg C	- %/deg F	
	Max. operating temperature	Tw	<200 deg C	<392 deg F	
	Curie temperature	Tc	460 deg C	860 deg F	
	Density	P	- kg/m3	-	
	Weight	Net	0.00398 kg	3.98 g	
Remark	REACH RoHS Directive				

Information on these magnetic characteristics are approximate and reference values. When using the calculated values for actual magnetic application products and research and development of the application of magnetic products, use these values as reference values. We are not responsible for the results from the reference values. The details can be found by referring to the product specifications. All specifications are subject to change without notice.