Product specification

Product name	Colour Magnet Dia38mmXDia20mmX7mm Black					
Item	Name	Symbol	SI		CGS	
Shape	Diameter	D	38	mm	3.8	cm
	Internal diameter	ID	20	mm	2	cm
	Height	H	7	mm	0.7	cm
	Direction of magnetization	M	Assiale			
	Surface treatment	Nylon	500	μm		
Measuring point	Surface flux density	B	116	mT	1160	G
	Attractive force	F	-	kgf	-	gf
	Magnetic flux density on load point	Bd	113.5	mT	1135	G
	Total flux	Dia o	0.00012873	Wb	12873	Mx
	Permeance coefficient	Pc	0.43	Pc	-	
	Operationg temperature range	Tw	-	deg C	-	deg F
	Operationg temperature range	Tw	-	deg C	-	deg F
Material characteristics	Material grade	Colour Magnet	Y30			
	Remanence	Br	380-420	mT	3.8-4.2	kG
	Coericive forces	Hcb	160-216	kA/m	2.0-2.7	kOe
	Intrisic 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	0.0286	kg	28.6	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.

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