

NEODYMIUM PERMANENT MAGNET SC35

DESCRIPTION

Neodymium permanent magnet

FIELDS OF APPLICATION

The SC35 neodymium magnets are suitable in mechanics, lighting and do-it-yourself furniture. They have a strong attraction and are very effective even with small dimensions.

WARNINGS

Handle product carefully.
Do not approach to credit cards or to products and systems, sensible to magnetic field.

USE

Neodymium magnet is a sintered material coated with a protective treatment.
Avoid collisions between magnets or other hard surfaces and crash, this could damage magnets, especially when used in humid environment.

STORAGE

Keep neodymium magnets in a dry place, away from heat sources. If possible stock them in styrofoam boxes, to avoid oxidation.

WORKING TEMPERATURE

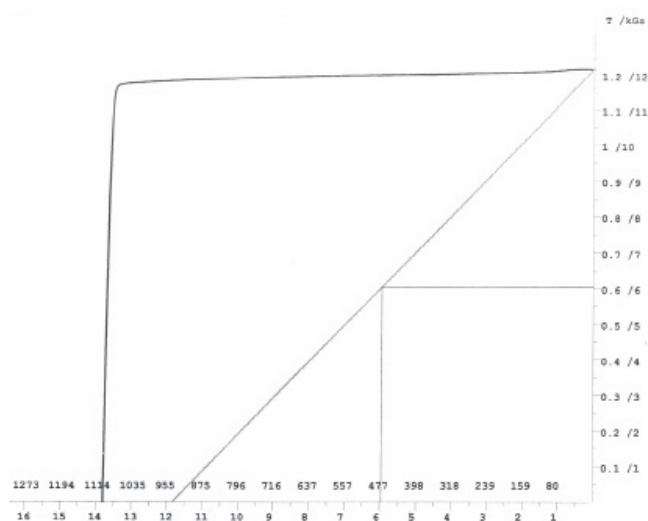
On our technical data sheet it's indicated the max working temperature which can be subjected magnets.
If temperature exceeds, the magnetic field could be field up to zero.

THICKNESS SURFACE TREATMENT

Ni + Ni + Ni	20-25 m
Ni + Cu + Ni	25-35 m
Zn	7- 10 m
Ni + Cu + Zn	20 - 25 m
Ni + Gold	20 - 25 m
Ni + Cu +Epoxy	35-45 m

MAGNETIC SPECIFICATION

Br	1.216 T
	12.16 KGs
Hcb	942 KA/m
	11.83 kOe
Hcj	1098 KA/m
	13.80 kOe
BHm	286.28 kJ/m ³
	35.98 MGOe
Bd	0.603 T
	6.03 KGs
Hd	475 KA/m
	5.96kOe



CHEMICAL COMPOSITION

Nd	27 - 32 %
B	0,8 -1,2 %
Dy	1 -8 %
Co	0 - 4 %
Al	0 - 1 %
Pr	0 - 5 %
Fe	60 - 70 %