

## Magnetic Wedges

It's a good magnetic conductor, combined with high mechanical strength and high flexion.

**APPLICATION:** MAGNEVOLT 3640, is used for slot wedges in induction motors and generators.

**MATERIALS:** A base glass tehidio iron powder of high quality, specific grain size and epoxy modified.

**FORMAT:** - Thickness 2.00 - 10.00 mm  
- Plates of 500 x 500 mm. approx.  
- Wedges according to plane  
- Side

### Technical Data

Properties	Method	Unit	Values
Nominal Thickness	---	mm.	2.00 - 10.00
Tolerance	ASTM D-709	mm.	+/- 0.02
Density	ISO 1183	g/cm3	3.1 +/- 0.3
Iron Content	---	%	Aprox. 75
Work Temp.	IEC216	°C	Aprox. 150

### Magnétic Properties

Magnetic Induction	(TESLA)	0.1	0.2	0.3	0.4
Relative Permeability	---	2.8	2.9	2.8	2.7
Magnetic field strength	(A/cm)	500	1000	1500	2000
Magnetic Induction	(TESLA)	0.17	0.32	0.46	0.56

**NOTE:** Information provided is just as reference, is not a specification,