

MANUFACTURING CONDITIONS

Powder

Permite 75 is a sub-150 micron iron powder mixed with 0.5% resin and 0.5% lubricant.

Curing

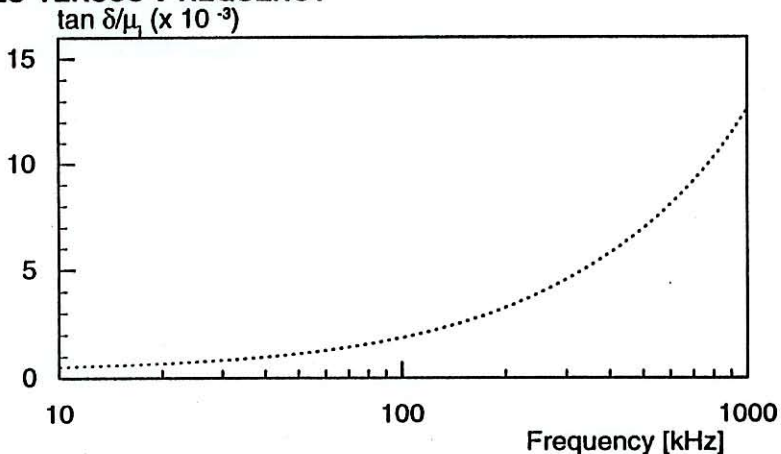
The green parts were cured at 150°C for 60 minutes in air.

Testing

Physical properties were determined in accordance with the applicable ISO standards.

Magnetic properties were measured on toroids with the following dimensions: outer diameter 35 mm, inner diameter 14 mm, height 10 mm. The number of wire turns was 25.

LOSSES VERSUS FREQUENCY



POWER LOSS VERSUS FLUX DENSITY

