

# Insuohm

# Bearings

Electrical insulation coating to prevent electrical pitting in the bearings and hence improved bearing life in motor bearings.

#### Features

- Improves bearing life in electrical current passage
- Optimized coating with plasma spray process
- High insulation resistance
- High dimensional stability after coating
- Easy to mount

#### Benefits

- Higher operational reliability
- ☑ Increased machine uptime
- Reduced overall operating costs
- Improves lubricant life
- Insulation over wide range of operating temperature

#### Application

- Traction motor bearings (Railways)
- Industrial motor bearings

NINNER

FINING GRAND

High capacity EV motor bearings

# **Wheel Bearings**



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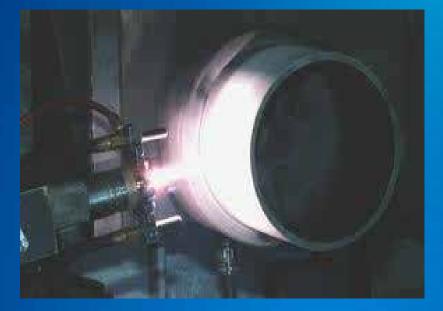




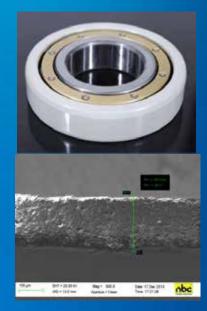
## Specifications

- Optimized Coating thickness to suit insulation requirement
- ✓ Insulation resistance of Min. 600 MΩ when tested at 2500 VDC and temperature 25±5°C, <60% Relative humdity</p>
- High bond strength
- Low porosity (<4%)
- Can be applied to ball and roller bearings

### Technical Data



Plasma spray based coating process



Coating thickness on the outer ring



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