

BLACK OXIDE

Friction reduction Anti-wear protection

Black Oxide

(Iron oxide base)

Characteristics:

(Depending on the material)

Color: Glossy black

Coating structure

Coating comprising mixed iron oxides

Thickness

0.2 - 1 micron

Advantages / Benefits

- Improved bearing run-in
- Low friction coefficient

Applications

- Elements and rings for wind turbine bearings
- Full complement cylindrical roller bearings
- Ball bearings under poor lubrication conditions
- Transmission bearings
- Slewing bearings
- Bearing rollers
- Bearing balls

