

ZEDEX®

EN 10204 2.1
EN 10204 2.2
EN 10204 3.1b

THE ULTIMATE BEARING MATERIAL

Tribological Polymer Solutions
For Sliding, Rotational and Wear Applications

INFO



DOES YOUR PART LOOK LIKE THIS? →



OR LIKE THIS →



- Lowest wear for a given application
- Elevated PV-values
- Retention of mechanical properties at high temperatures
- High life and lowest life-cycle cost
- Higher precision & tighter tolerances achieved
- Reduced friction, substantial energy saving
- Environmentally friendly

- 40 years of rendering impeccable solutions to industry leaders
- Technically sound solutions, backed with creativity
- Tailor-made for different temperature ranges
- Supplied as finished parts or semi-finished blanks
- Continued R&D activities

No matter which industry or application, ZEDEX® has an answer:



Crane vehicles



Shipbuilding



Machinery and slide-ways



Offshore



Pipeline



Medical Technic



Agricultural Machinery



Railways



Space & Aerospace



Marine

OUTSTANDING ZEDEX® FAMILIES

ZX-100 Family - The All-rounder up to 110°C: The All-round solution for various fields of application. Whether in food industry or for rough outdoor use. It is designed for dry-running operations, and compared to bronze you save in weight and costs.

ZX-324 Family - The Multi-talent up to 250°C: For high temperatures combined with high surface pressure. ZX-324 is based on PEEK, but has got a higher wear resistance than PEEK.

ZX-410 Family - The Most precise up to 180°C: For the middle sliding speed areas, high surface pressure and high precision - even at high temperatures.

ZX-530 Family - The Specialist for chemicals up to 240°C: Particularly well suited for applications where aggressive chemicals are used. ZX-530 combines the advantages of ceramic and PTFE, and offers high wear resistance and low friction.

ZX-550 Family - Dry running as if lubricated up to 240°C: The alternative to PTFE and PTFE compounds - with better creep resistance, less wear and higher PV-values.

ZX-750 Family - The king class up to 300°C: ZX-750 has got the highest PV-values of the ZEDEX® materials. Also at temperatures of 300°C it keeps a straight face.

OUTSTANDING ZEDEX® PROPERTIES (0 = worst ; 10 = best)

The graphs are expressed in relative values to make a purposeful comparison of the properties.

The graphs compare ZEDEX® materials to conventionally used materials

