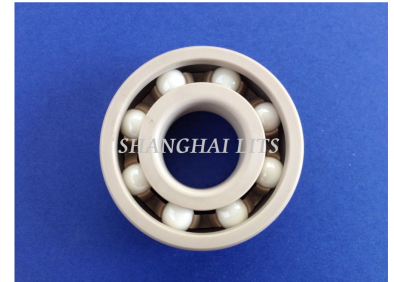


# PEEK PI PPS High-Temperature Ceramic Ball Bearings

These high-performance bearings are crafted from PEEK, PI, and PPS materials for exceptional chemical resistance and high-temperature stability. Featuring ceramic balls, they ensure smooth operation and reduced wear in demanding applications.



## Product Overview

### High-Performance Polymer Ceramic Bearings

These advanced bearings are engineered from high-performance polymers including PEEK, PI, and PPS, combined with ceramic balls for superior durability. Designed for the most demanding industrial environments, they offer exceptional chemical resistance and high-temperature stability. Their low-friction characteristics make them an ideal solution for applications requiring high-speed operation or where traditional lubrication is limited or impossible.

## Material Composition

Polymer Materials

PEEK, PI, PPS

## Key Features

### Performance Attributes

Chemical Resistant • High-Temperature Stable • Low Friction • Ceramic Balls

## Applications

### Suitable Industries

- Pumps and Valves
- Medical Equipment
- Semiconductor Manufacturing

## Operational Characteristics

### Operational Metrics

**1 Low/None**

Lubrication Requirement