



**FLUOROCARBON**

## Case study

### Solid particle screw conveyers and process plants



Product: High Modulus PEEK based Split Bearings  
Industry - Various



Our clients requested a solution to the bearings used in their application requiring frequent and costly refits. Bronze Hanger Bearings currently being used in solid particle screw conveyers and process plants had evidence of excessive wear causing increased downtime.



Fluorocarbon offered a custom designed High modulus PEEK based split bearing providing Low Friction, controlled thermal expansion and a fourfold increase of life. Additional benefits to the customer were simple fitting and interchangeability with the bronze fittings. Replacing these bearings prevented of loads being transferred onto the screw which had previously led to the blades being worn or damaged.

Find out how Fluorocarbon can help your company improve efficiency and save money at [www.fluorocarbon.co.uk](http://www.fluorocarbon.co.uk) email [info@fluorocarbon.co.uk](mailto:info@fluorocarbon.co.uk) or call us on 0845 2505 100