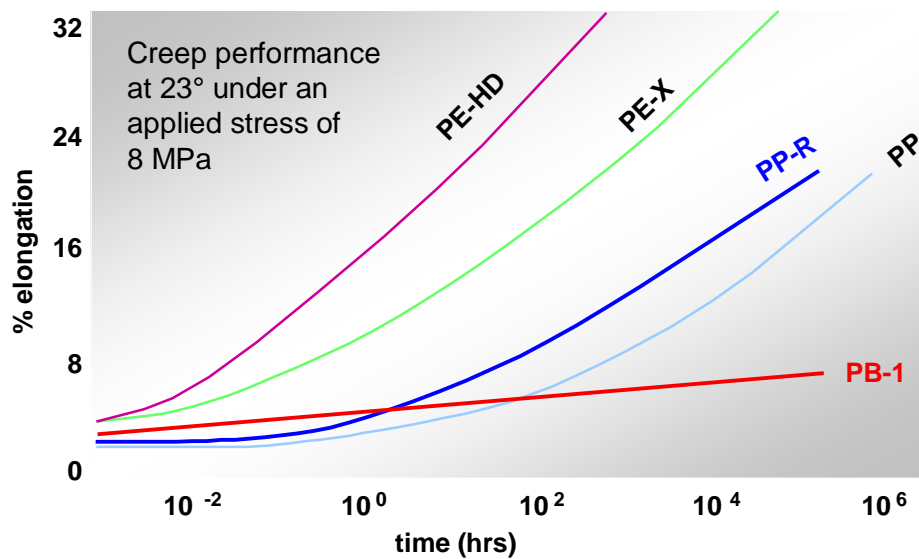


## 1) Basic Information

Creep performance is measured at a temperature of 23°C and an applied stress of 8 MPa. Under this stress the elongation of the material is measured over a certain time period.

## 2) Grafic overview

### Creep performance



## 3) Results

The graph shows, that most plastic materials are having significant elongation under stress. Only PB-1 stays below 10% elongation.

This result gives PB-1 a clear advantage compared to all other plastics used for flexible hot water piping systems. The low creep ratio is especially important in mechanical fittings – longterm tightness can be better achieved with PB-1 pipes.

## 4) References/Standards

For the longterm installation PB-1 systems are giving extra safety for both welded and mechanical compression fittings.

Technical data are subject to alteration.

