

Akoalit PB 4267 grey / PB 4268 white

Polybutene-1 based homopolymers for hot and cold potable water pipe applications

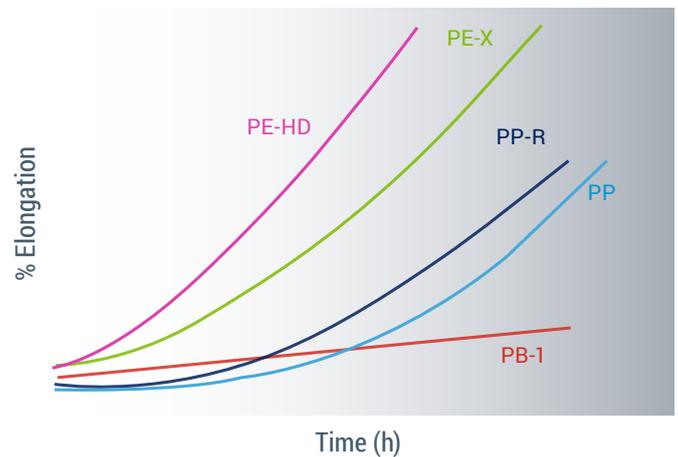


Akoalit is our brand of polybutene-1 (PB-1) based homopolymers selected by customers for excellent flexibility in pressure piping systems, including domestic hot and cold drinking water supply, surface heating and cooling, district heating, radiator connections and fittings. These advanced materials provide significant benefits compared to traditional materials (PEx and PERT). For instance, large diameter pipes, like those for district heating, can achieve the same performance while reducing wall thickness and ultimately source material.

Product Benefits

- Best-in-class creep rupture performance
- Enhanced long-term stability
- High flexibility over a wide temperature range
- Improved organoleptics
- Enhanced processability
- Low noise transmission
- No cross linking
- Significant material saving potential compared to traditional materials

Creep performance at 23° / 8 MPa



Some typical applications



District heating



Drinking water pipe



Radiator connections



Underfloor heating

For more information regarding PB-1, please visit the PolyButene Piping Systems Association website at www.PBPSA.com

ABOUT US

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