

DIN SPEC 19674-2:2011-02 (E)

Plastics piping systems made from glass fibre reinforced polyethylene (PE-GF) for water supply and for drainage and sewerage under pressure - Part 2: Pipes

Contents	Page
Foreword	3
Introduction	4
1 Scope	4
2 Normative references	5
3 Terms, definitions, symbols and abbreviated terms	6
4 Material	6
4.1 PE compound	6
4.2 Extrusion compound	6
4.3 Glass fibres	6
4.4 Primer	6
4.5 Compound for the identification of pipes	6
4.6 Appearance	6
4.7 Colour	7
4.8 Effects on the quality of water	7
5 Geometrical characteristics	7
5.1 Measurements	7
5.2 Mean inside diameter, out-of-roundness (ovality)	7
5.3 Wall thicknesses and their tolerances	8
5.4 Lengths	12
5.5 Bending radius of welded pipes	12
6 Mechanical characteristics	12
6.1 Conditioning	12
6.2 Requirements	13
7 Physical characteristics	14
7.1 Conditioning	14
7.2 Requirements	14
8 Chemical characteristics of pipes in contact with chemicals	15
9 Performance requirements regarding the fitness for purpose of the piping system	15
10 Marking	15
10.1 General	15
10.2 Minimum required marking of pipes	16
Anhang A (informative) Bending radius of welded pipes	17
Anhang B (informativ) Ring stiffness	18
Bibliography	20