

ISO 15874-2:2003-12 (E)

Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 2: Pipes

Contents	page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions, symbols and abbreviated terms	2
4 Material	2
4.1 Pipe material	2
4.2 Evaluation of σ_{LCL} -values	2
4.3 Influence on water intended for human consumption	6
5 General characteristics	6
5.1 Appearance	6
5.2 Opacity	6
6 Geometrical characteristics	6
6.1 General.....	6
6.2 Dimensions of pipes.....	7
7 Mechanical characteristics	10
8 Physical and chemical characteristics	10
9 Performance requirements	11
10 Marking	11
10.1 General requirements	11
10.2 Minimum required marking.....	12
Annex A (informative) Derivation of $S_{calc,max}$	13
A.1 General.....	13
A.2 Design stress	13
A.3 Derivation of maximum value of S_{calc} ($S_{calc,max}$)	14
A.4 Use of $S_{calc,max}$ to determine wall thickness.....	15
Bibliography	16