

# ISO 15877-2:2009-03 (E)

## Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		vi
1	Scope .....	1
2	Normative references .....	1
3	Terms, definitions and symbols .....	2
4	Material .....	2
4.1	General .....	2
4.2	Pipe material .....	2
4.3	Evaluation of LPL-values .....	2
4.4	Influence on water intended for human consumption .....	6
5	General characteristics .....	6
5.1	Appearance .....	6
5.2	Chamfering .....	6
5.3	Opacity .....	6
6	Geometrical characteristics .....	6
6.1	General .....	6
6.2	Dimensions of pipes .....	7
6.3	Wall thicknesses and their tolerances .....	7
7	Mechanical characteristics .....	8
7.1	Resistance to internal pressure .....	8
7.2	Impact resistance .....	9
7.3	Tensile strength .....	10
8	Physical characteristics .....	10
9	Performance requirements .....	11
10	Adhesives .....	11
11	Marking .....	12
11.1	General .....	12
11.2	Minimum required marking .....	12
11.3	Additional marking .....	12
Annex A (informative) Derivation of the maximum calculated pipe value, $Sc_{alc,max}$ .....		13
Bibliography .....		15