

ISO 15875-2:2003-12 (E)

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 2: Pipes

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