ISO 21003-3:2008-07 (E)

Multilayer piping systems for hot and cold water installations inside buildings - Part 3: Fittings

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 3

4 Symbols and abbreviated terms 3

5 Material characteristics 3
5.1 Plastics fitting materials specified in reference product standards 3
5.2 Plastics fitting materials not specified in reference product standards 3
5.3 Metallic fitting material 4
5.4 Influence on water intended for human consumption 4

6 General characteristics 4
6.1 Appearance 4
6.2 Opacity 4

7 Geometrical characteristics 4
7.1 General 4
7.2 Dimensions of sockets for socket weld, electrofusion and solvent-cemented fittings 4
7.3 Dimensions of metallic fittings 5

8 Mechanical characteristics of plastics fittings (internal pressure test) 5
8.1 General 5
8.2 Plastics fitting materials specified in reference product standards 5
8.3 Plastics fitting materials not specified in reference product standards 5

9 Physical and chemical characteristics of plastics fittings 6
9.1 Plastics fitting materials specified in reference product standards 6
9.2 Plastics fitting materials not specified in reference product standards 6
9.3 Sealing elements 6

10 Performance requirements 6
11 Marking 7
11.1 General requirements 7
11.2 Minimum required marking 7

Annex A (normative) List of reference product standards 8

Bibliography 9