ISO 15876-3:2017-01 (E)

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions,symbolsandabbreviatedterms 2

4 Material characteristics 3
4.1 Plastics fitting material 3
4.1.1 PB Fitting material identical to the PB pipe compound 3
4.1.2 PB fitting material not identical to the PB pipe compound 4
4.1.3 Plastics fitting material other than PB 5
4.2 Metallic fitting material 5
4.3 Influence on water intended for human consumption 5

5 General characteristics 5
5.1 Appearance 5
5.2 Opacity 5

6 Geometrical characteristics 5
6.1 General 5
6.1.1 Nominal diameter(s) 5
6.1.2 Angles 5
6.1.3 Threads 6
6.2 Dimensions of sockets for socket weld and electro-fusion fittings 6
6.2.1 Dimensions of socket fusion fittings (see Figure 1) 6
6.2.2 Dimensions of sockets for electrofusion fittings 8
6.3 Dimensions of metallic fittings 9

7 Mechanicalcharacteristicsofplasticsfittings 9
7.1 General 9
7.2 Fitting material identical to the PB pipe compound 10
7.3 Fitting made from PB not identical to the PB pipe compound 10
7.4 Fitting made from plastics other than PB 10

8 Meltflowrate 12

9 Sealing elements 12

10 Performance requirements 12

11 Marking 12
11.1 General requirements 12
11.2 Minimum required marking 12
11.3 Additional marking 13

Bibliography 14