ISO 4437-2:2014-01 (E)

Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 2: Pipes

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions,symbols,andabbreviations 2

4 Material 2
4.1 Compound for pipes 2
4.2 Compound for identification stripes 3
4.3 Recyclable material 3

5 General characteristics 3
5.1 Appearance 3
5.2 Colour 3

6 Geometrical characteristics 3
6.1 Measurement of dimensions 3
6.2 Mean outside diameters, out-of-roundness (ovality), and tolerances 3
6.3 Wall thicknesses and related tolerances 4
6.4 Circumferential reversion of pipes with dn equal to or greater than 250 mm 6
6.5 Coiled pipe 7
6.6 Lengths 7

7 Mechanical characteristics 7
7.1 Conditioning 7
7.2 Requirements 7
7.3 Retest in case of failure at 80 °C 9

8 Physical characteristics 9
8.1 Conditioning 9
8.2 Requirements 10

9 Performance requirements 10

10 Marking 10
10.1 General 10
10.2 Minimum required marking 11

Annex A (normative) Pipes with co-extruded layers 12

Annex B (normative)Pipeswithpeelablelayer 14

Annex C (normative) Squeeze-off technique 16

Bibliography 17