ISO 7685:2026-01 (E)

Glass-reinforced thermosetting plastics (GRP) pipes - Determination of initial ring stiffness

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 2

5 Apparatus 3
5.1 Compressive-loading machine 3
5.2 Load application surfaces 3
5.2.1 General arrangement 3
5.2.2 Plates 3
5.2.3 Beam bars 3
5.3 Dimension-measuring instruments 3

6 Test pieces 4
6.1 Preparation 4
6.2 Number 4
6.3 Determination of dimensions 4
6.3.1 General 4
6.3.2 Length 5
6.3.3 Wall thickness 5
6.3.4 Mean diameter 5

7 Conditioning 5

8 Procedure 5
8.1 Test temperature 5
8.2 Positioning of the test piece 5
8.3 Application of load and measurement of deflection 6
8.3.1 General 6
8.3.2 Method A: Using constant load 6
8.3.3 Method B: Using constant deflection 6

9 Calculation 7

10 Test report 8

Bibliography 9