ISO 18959:2025-09 (E)

Thermal insulation products - Rigid nano-microporous insulation for industrial applications - Specification

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms,definitions,symbolsandabbreviatedterms 1
3.1 Terms and definitions 2
3.2 Symbols and units 2
3.3 Abbreviated terms 2
3.3.1 Abbreviated terms for general usage 2
3.3.2 Abbreviated terms for declared properties 2

4 Requirements 3
4.1 General 3
4.2 Classification 3
4.3 Permanent linear change 3
4.4 Thermal conductivity 3
4.5 Linear dimensions 3
4.6 Squareness 4
4.7 Flatness 4
4.8 Pipe section linearity 4
4.9 Density 4
4.10 Compressive stress at 10 % deformation 4
4.11 Corrosiveness to steel 4

5 Test methods 5
5.1 Sampling 5
5.2 Conditioning 5
5.3 Testing 5
5.3.1 General 5
5.3.2 Thermal conductivity 5

6 Designation code 6

7 Evaluationofconformity 6

8 Markingandlabelling 6

Annex A (normative)Factoryproductioncontrol 8

Bibliography 9