

ISO 22482:2021-12 (E)

Thermal insulation products - Aerogel blanket for buildings - Specification

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms, definitions, symbols and abbreviated terms		2
3.1 Terms and definitions.....		2
3.2 Symbols and units.....		2
3.3 Abbreviated terms.....		2
3.3.1 Abbreviated terms.....		2
3.3.2 Abbreviated terms for declared properties.....		3
4 Requirements		3
4.1 General.....		3
4.2 For all applications.....		3
4.2.1 Linear dimensions.....		3
4.2.2 Density.....		4
4.2.3 Thermal conductivity.....		4
4.3 Specific applications.....		4
4.3.1 Reaction to fire.....		4
4.3.2 Water absorption.....		4
4.3.3 Compressive strength.....		4
4.3.4 Corrosiveness to steel.....		5
4.3.5 Resistance to fungi.....		5
4.3.6 Flexibility.....		5
5 Test methods		5
5.1 Sampling.....		5
5.2 Conditioning.....		6
5.3 Testing.....		6
5.3.1 General.....		6
5.3.2 Thermal conductivity.....		6
6 Designation code		7
7 Evaluation of conformity		7
8 Marking and labelling		7
Annex A (normative) Factory production control		9
Annex B (normative) Determination of the aged values of thermal conductivity due to moisture		10
Annex C (normative) Determination of the thermal conductivity in relation to moisture content		12
Bibliography		14