ISO 22538-3:2007-09 (E)

Space systems - Oxygen safety - Part 3: Selection of non-metallic materials for oxygen systems and components

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms, definitions, symbols and abbreviated terms 1
3.1 Terms and definitions 1
3.2 Symbols and abbreviated terms 2

4 General 2
4.1 Background 2
4.2 Design considerations 2
4.3 Materials certification 3

5 Materials control 3
5.1 General 3
5.2 Batch/lot testing 3

6 Ignition mechanisms 4
6.1 General 4
6.2 Ignition conditions 4
6.3 Materials tests 4
6.4 Ignition factors 4
6.5 Ignition mechanisms and sources 5

7 Material selection 7
7.1 General 7
7.2 Material types 8

Bibliography 11