DIN CEN ISO/TS 80004-8:2021-03 (E)

Nanotechnologies - Vocabulary - Part 8: Nanomanufacturing processes (ISO/TS 80004-8:202 0)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **7**

2 Normative references ... **7**

3 Terms and definitions ... **7**

4 Terms related to general aspects ... **9**

5 Terms related to directed assembly ... **10**

6 Terms related to self-assembly processes ... **11**

7 Terms related to synthesis ... **12**
7.1 Gas process phase — Physical methods ... 12
7.2 Gas process phase — Chemical methods ... 13
7.2.1 Flame synthesis processes ... 13
7.2.2 Other terms ... 14
7.3 Liquid process phase — Physical methods ... 14
7.4 Liquid process phase — Chemical methods ... 15
7.5 Solid process phase — Physical methods ... 16
7.6 Solid process phase — Chemical methods ... 18

8 Terms related to fabrication ... **18**
8.1 Nanopatterning lithography ... 18
8.2 Deposition processes ... 22
8.3 Etching processes ... 24
8.4 Printing and coating ... 27

Annex A (informative) **Identification of output resulting from defined synthesis processes** ... **28**

Bibliography ... **31**

Index ... **32**