

# DIN EN ISO 14232-1:2017-08 (E)

## Thermal spraying - Powders - Part 1: Characterization and technical supply conditions (ISO 14232-1:2017)

---

Contents	Page
European foreword .....	3
Foreword .....	4
Introduction .....	5
1 Scope .....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Properties and property determination of powders for thermal spraying .....	6
4.1 Sampling and sample splitting .....	6
4.2 Chemical composition .....	7
4.3 Particle size range — Particle size distribution .....	7
4.4 Manufacturing process — Particle shape .....	8
4.5 Apparent density .....	8
4.6 Flowability .....	8
4.7 Microstructure .....	9
4.8 Determination and composition of phases .....	9
4.9 Summary .....	9
5 Classification of powders .....	9
6 Powder identification and designation .....	9
7 Conditions of supply .....	9
8 Certificate .....	10
Annex A (informative) Powder shape and morphologies .....	11
Bibliography .....	14