

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