

ISO 14232-1:2017-03 (E)

Thermal spraying - Powders - Part 1: Characterization and technical supply conditions

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