

DIN EN ISO 18753:2018-01 (E)

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of absolute density of ceramic powders by pycnometer (ISO 18753:2017)

| Contents | | Page |
|--|---------------------------------------|-------------|
| European foreword | | 3 |
| Foreword | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 5 |
| 4 | Preparation of measurement | 6 |
| 4.1 | Sampling | 6 |
| 4.2 | Drying of sample | 6 |
| 4.3 | Preparation of immersion liquid | 6 |
| 5 | Apparatus | 6 |
| 6 | Procedure | 7 |
| 7 | Calculation | 8 |
| 8 | Tests in duplicate | 9 |
| 9 | Test report | 9 |
| Annex A (normative) Reference data for absolute density of distilled water | | 10 |
| Bibliography | | 11 |