

DIN EN 1097-11:2013-11 (E)

Tests for mechanical and physical properties of aggregates - Part 11: Determination of compressibility and confined compressive strength of lightweight aggregates

| Contents | | Page |
|-----------------------|---|-------------|
| Foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Terms and definitions | 4 |
| 4 | Principle | 4 |
| 5 | Apparatus | 4 |
| 6 | Preparation of test specimens | 6 |
| 7 | Procedure | 6 |
| 7.1 | Measurement of height h_0 | 6 |
| 7.2 | Filling of the container | 6 |
| 7.3 | Compressibility | 6 |
| 7.4 | Load and deformation measurements | 7 |
| 8 | Calculation and expression of results | 7 |
| 8.1 | Bulk density | 7 |
| 8.2 | Compressibility | 8 |
| 8.3 | Confined compressive stress-deformation curve | 8 |
| 8.4 | Confined compressive strength | 9 |
| 9 | Test report | 10 |
| 9.1 | Required data | 10 |
| 9.2 | Optional data | 11 |
| Annex A (informative) | Precision | 12 |
| Bibliography | | 13 |