

ISO 10468:2003-12 (E)

Glass-reinforced thermosetting plastics (GRP) pipes - Determination of the long-term specific ring creep stiffness under wet conditions and calculation of the wet creep factor

| Contents | | Page |
|------------------------------|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Principle | 4 |
| 5 | Apparatus | 4 |
| 5.1 | Compressive loading machine | 4 |
| 5.2 | Force application surfaces | 4 |
| 5.3 | Water container | 5 |
| 5.4 | Measuring devices | 5 |
| 6 | Test piece | 5 |
| 7 | Number of test pieces | 6 |
| 8 | Determination of the dimensions of the test pieces | 6 |
| 8.1 | Length | 6 |
| 8.2 | Wall thickness | 7 |
| 8.3 | Mean diameter | 7 |
| 9 | Conditioning | 7 |
| 10 | Procedure | 7 |
| 11 | Calculation | 8 |
| 11.1 | Extrapolation of the deflection data | 8 |
| 11.2 | Calculation of the long-term specific ring creep stiffness under wet conditions for position 1 | 8 |
| 11.3 | Calculation of the wet creep factor | 8 |
| 12 | Test report | 8 |
| Annex A (informative) | Equal increments of lg(time in h) | 10 |