

DIN EN 14770:2012-08 (E)

Bitumen and bituminous binders - Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (DSR)

| Contents | | Page |
|--|---------------------------------|-------------|
| Foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Terms and definitions | 4 |
| 4 | Principle | 5 |
| 5 | Apparatus | 5 |
| 6 | Preparation of rheometers | 6 |
| 7 | Sample preparation | 7 |
| 8 | Procedure | 8 |
| 9 | Expression of results | 10 |
| 10 | Precision | 11 |
| 11 | Test report | 11 |
| Annex A (informative) Temperature verification procedure | | 12 |
| Annex B (informative) Determining equilibration time | | 13 |
| Annex C (informative) Determination of the viscoelastic linear range | | 14 |
| Bibliography | | 15 |