

# ISO 812:2017-07 (E)

## Rubber, vulcanized or thermoplastic - Determination of low-temperature brittleness

| <b>Contents</b>  |   | <b>Page</b> |
|--|---|-------------|
| Foreword .....   |   | iv          |
| 1  | Scope .....   | 1           |
| 2  | Normative references .....  | 1           |
| 3  | Terms and definitions .....                                       | 1           |
| 4  | Apparatus and materials .....                                     | 2           |
| 5  | Calibration .....   | 4           |
| 6  | Test pieces .....   | 4           |
| 7  | Time interval between manufacture and testing .....               | 4           |
| 8  | Procedure .....   | 5           |
| 8.1  | Procedure A (determination of brittleness temperature) .....      | 5           |
| 8.2  | Procedure B (determination of 50 % brittleness temperature) ..... | 5           |
| 8.3  | Procedure C (testing at a specified temperature) .....            | 6           |
| 9  | Precision .....   | 7           |
| 10   | Test report .....   | 7           |
| Annex A (informative) Speed calibration of a solenoid-actuated low-temperature impact tester ..... |   | 8           |
| Annex B (normative) Calibration schedule .....   |   | 11          |
| Annex C (informative) Precision .....  |   | 13          |
| Bibliography .....   |   | 15          |