

ISO 12046:2012-03 (E)

Synchronous belt drives - Automotive belts - Determination of physical properties

| Contents | | Page |
|---------------------------|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Principle | 1 |
| 4 | Test methods | 1 |
| 5 | General conditions for testing | 2 |
| 5.1 | Standard environmental conditions | 2 |
| 5.2 | Standard conditions of test specimens | 2 |
| 5.3 | Rounding off the test results | 2 |
| 5.4 | Test report | 3 |
| 6 | Static property tests | 3 |
| 6.1 | Test for hardness of rubber core | 3 |
| 6.2 | Tensile strength test | 3 |
| 6.3 | Fabric adhesion test | 4 |
| 6.4 | Tension-cord adhesion test | 5 |
| 6.5 | Tooth-shear test | 6 |
| 6.6 | Test for resistance to high temperature | 8 |
| 6.7 | Test for resistance to low temperature | 9 |
| 6.8 | Test for resistance to oil | 9 |
| 6.9 | Test for resistance to ozone | 9 |
| 6.10 | Test for resistance to water | 9 |
| Bibliography | | 10 |