

ISO 7270-1:2020-02 (E)

Rubber - Analysis by pyrolytic gas-chromatographic methods - Part 1: Identification of polymers (single polymers and polymer blends)

| Contents | | Page |
|-----------------|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Principle | 2 |
| 5 | Single polymers and blends | 2 |
| 5.1 | General | 2 |
| 5.2 | Group M | 2 |
| 5.3 | Group O | 2 |
| 5.4 | Group Q | 2 |
| 5.5 | Group R | 2 |
| 5.6 | Blends | 3 |
| 6 | Reagents | 3 |
| 7 | Apparatus | 3 |
| 7.1 | Extraction apparatus | 3 |
| 7.2 | Pyrolysis/chromatography system | 3 |
| 7.2.1 | General | 3 |
| 7.2.2 | Pyrolysis device | 4 |
| 7.2.3 | Gas chromatograph | 4 |
| 7.2.4 | Chromatographic columns | 4 |
| 7.2.5 | Data-handling equipment | 4 |
| 8 | Procedure | 4 |
| 9 | Interpretation of results | 5 |
| 10 | Test report | 5 |