ISO 7270-1:2020-02 (E)

Rub ber - 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