ISO 8312:2015-09 (E)

Rubber compounding ingredients - Stearic acid - Definition and test methods

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Sampling 2

5 Physical and chemical properties 2

6 Test report 2

Annex A (normative) Determination of ash at 550 °C ± 25 °C 4

Annex B (normative) Determination of copper content -- Atomic absorption spectrometric method 6

Annex C (normative) Determination of manganese content -- Atomic absorption spectrometric method 8

Annex D (normative) Determination of iron content -- Atomic absorption spectrometric method 10

Annex E (normative) Determination of nickel content -- Atomic absorption spectrometric method 12

Annex F (normative) Determination of mineral acidity -- Titrimetric method 14

Annex G (normative) Determination of copper content -- Molecular absorption spectrometric method 16

Annex H (normative) Determination of manganese content -- Molecular absorption spectrometric method 17

Annex J (normative) Determination of iron content -- Molecular absorption spectrometric method 18

Annex K (normative) Determination of nickel content -- Molecular absorption spectrometric method 19

Annex L (normative) Classification of stearic and stearic acid/palmitic acid blends and typical physical and chemical properties 20

Bibliography 22