ISO 22526-2:2020-03 (E)

Plastics - Carbon and environmental footprint of biobased plastic s - Part 2: Material carbon footprint, amount (mass) of CO2 removed from the air and incorporated into polymer molecule

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms,definitions,symbolsandabbreviatedterms 1
3.1 Terms and definitions 1
3.2 Symbols 2
3.3 Abbreviated terms 2

4 Application 2

5 Material carbon footprint 2
5.1 Principle 2
5.2 Determination of the biobased carbon content 2
5.3 Determination or calculation of biobased carbon content on a mass base 2
5.4 Calculation of the amount (mass) of CO2 removed from the air and incorporated into 1 kg of the polymer 3
5.4.1 Calculation from biobased carbon content on a mass base 3
5.4.2 Calculation from biobased synthetic polymer content 3

Annex A (informative) Calculation of the amount of CO2 removed from the air for each polymer 4

Annex B (informative) Value of equivalent emissions in typical activities 7

Bibliography 8