ISO 22207:2024-09 (E)

Kraft lignin - Determination of thermal stability by thermogravimetry

Contents

Page

Foreword iv
Introduction v
1 Scope 1
2 Normative references 1
3 Terms and definitions 1
4 Principle 2
5 Apparatus 2
5.1 Thermobalance 2
5.2 Pans inert to the test sample 2
5.3 Analytical balance 2
5.4 Desiccator 3
5.5 Drying oven 3
5.6 Oxidative purge gas 3
5.7 Inert purge gas 3
6 Sampling and test sample preparation 3
7 Test specimen preparation 3
8 Calibration 3
9 Procedure 4
9.1 Cleaning Cycle 4
9.2 Analysis method 4
10 Determination of decomposition temperatures ($T_{d2\%}$, $T_{d5\%}$ and $T_{d10\%}$), residue, and temperature of maximum decomposition rate 4
11 Test Report 5
Annex A (informative) Precision – Results of the round robin study 7
Bibliography 10