

# ISO 10086-1:2019 (E)

## Coal — Methods for evaluating flocculants for use in coal preparation — Part 1: Basic parameters

---

### Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Apparatus
6	Materials
6.1	Slurry
6.2	Water
7	Sampling
8	Preparation of flocculant solutions
8.1	Powder flocculants
8.2	Liquid flocculants
9	Procedure
9.1	Preparation of test sample
9.2	Determination of settling rate
9.2.1	Free settling rate
9.2.2	Full settling curve
9.3	Determination of sediment height and supernatant clarity
10	Calculation of results
10.1	Flocculant dosage rate
11	Recording of results
12	Repeatability
13	Test report
Annex A	(informative) Worked example
Annex B	(informative) Data recording sheets
B.1	Free-settling rate
B.2	Full settling curve

Page count: 12