

# ISO 15360-3:2024-05 (E)

## Recycled pulps - Estimation of stickies and plastics - Part 3: Determination and identification by applying near-infrared measurement

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	2
5	Apparatus (near-infrared analysis system) .....	2
5.1	Hardware (measuring device) .....	2
5.2	Software .....	2
5.3	Penetration test reference piece .....	2
5.4	Calibration of the NIR sensor .....	2
6	Preparation of specimen .....	3
6.1	General .....	3
6.2	Pulp samples .....	3
6.2.1	Measurement of stickies and non-tacky contaminants deposited on filter .....	3
6.2.2	Measurement of stickies and non-tacky contaminants directly on paper or handsheets .....	3
6.3	Paper samples .....	3
7	Procedure .....	4
7.1	Parameters for the analysis .....	4
7.2	Placement of specimen .....	4
7.3	Measurement .....	4
7.4	Penetration test .....	5
8	Analysis .....	5
8.1	Determination of stickies and non-tacky polymeric contaminants .....	5
8.2	Calculation .....	6
8.2.1	Pulp samples .....	6
8.2.2	Paper samples .....	7
9	Precision .....	9
10	Test report .....	9
Annex A (normative) Calibration check .....		10
Annex B (informative) Example for measuring devices .....		11
Bibliography .....		12