

# DIN EN ISO 2811-3:2024-01 (E)

## Paints and varnishes - Determination of density - Part 3: Oscillation method (ISO 2811-3:2023)

---

Contents	Page
European foreword .....	3
Foreword .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 Principle .....	5
5 Temperature .....	5
6 Apparatus .....	6
7 Sampling .....	6
8 Procedure .....	6
8.1 General .....	6
8.2 Determination .....	6
9 Calculation .....	7
10 Precision .....	7
10.1 General .....	7
10.2 Repeatability limit, $r$ .....	7
10.3 Reproducibility limit, $R$ .....	7
11 Test report .....	7
Annex A (informative) Calibration of the apparatus — Determination of the apparatus constants .....	9
Annex B (informative) Density values for damp air and air-free water .....	10
Annex C (informative) Calculation of density at the reference temperature from measurements at other temperatures .....	12
Bibliography .....	13