

ISO 19403-3:2017-06 (E)

Paints and varnishes - Wettability - Part 3: Determination of the surface tension of liquids using the pendant drop method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Apparatus and materials	1
6	Sampling	3
7	Procedure	3
7.1	General	3
7.1.1	Setting up the drop contour analysis device	3
7.1.2	Test conditions	4
7.2	Determination of the surface tension of the liquid	4
7.2.1	Preparations	4
7.2.2	Procedure	4
8	Evaluation	4
9	Precision	5
9.1	General	5
9.2	Repeatability limit, r	5
9.3	Reproducibility limit, R	5
10	Test report	5
Annex A (informative) Density of test liquids		7
Annex B (informative) Shape parameter, B		8
Annex C (informative) Details of an interlaboratory test		9
Bibliography		12