ISO 4498:2010-06 (E)

Sintered metal materials, excluding hardmetals - Determination of apparent hardness and microhardness

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 2

3 Apparatus 2

4 Sampling and preparation of test pieces 2

5 Test procedures 3
5.1 Procedure 1 -- Determination of apparent hardness 3
5.2 Procedure 2 -- Determination of microhardness 4

6 Expression of results 6
6.1 Apparent hardness 6
6.2 Microhardness 6

7 Repeatability and reproducibility 6
7.1 Vickers apparent hardness 6
7.2 Rockwell apparent hardness 6
7.3 Vickers microhardness 6
7.4 Precision statement 6

8 Test report 7

Annex A (normative) Test conditions and test loads as well as symbols and designations for microhardness values 8

Annex B (informative) Repeatability and reproducibility 10

Bibliography 12