



BSI Standards Publication

**Surface chemical analysis — Scanning probe  
microscopy — Procedure for the determination of  
elastic moduli for compliant materials using atomic  
force microscope and the two-point JKR method**

---

## National foreword

This British Standard is the UK implementation of [ISO 21222:2020](#).

The UK participation in its preparation was entrusted to Technical Committee CII/60, Surface chemical analysis.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2020  
Published by BSI Standards Limited 2020

ISBN 978 0 580 96429 9

ICS 71.040.40

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 29 February 2020.

### Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

---

INTERNATIONAL  
STANDARD

**ISO**  
**21222**

First edition  
2020-01-29

---

---

**Surface chemical analysis — Scanning  
probe microscopy — Procedure for  
the determination of elastic moduli  
for compliant materials using atomic  
force microscope and the two-  
point JKR method**

*Analyse chimique des surfaces — Microscopie à sonde locale —  
Lignes directrices pour la détermination des modules d'élasticité des  
matériaux souples en utilisant un microscope à force atomique*



Reference number  
ISO 21222:2020(E)