



Preparation of catalysts II [scientific bases for the preparation of heterogeneous catalysts : proceedings of the second international symposium, Louvain-la-Neuve, September 4-7, 1978 /

Delmon, Bernard
Grange, P.
Jacobs, Paul I.
Poncelot, G.

Elsevier Scientific Pub. Co.,
1979

Electronic books

Monografía

Preparation of Catalysts II

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjE4NzI3OTY>

Título: Preparation of catalysts II [electronic resource] scientific bases for the preparation of heterogeneous catalysts : proceedings of the second international symposium, Louvain-la-Neuve, September 4-7, 1978 editors, B. Delmon ... [et al.].

Editorial: Amsterdam Elsevier Scientific Pub. Co. 1979

Descripción física: 1 online resource (777 p.)

Mención de serie: Studies in surface science and catalysis v. 3

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references and index

Contenido: Front Cover; Preparation of Catalysts II: Scientific Bases for the Preparation of Heterogeneous Catalysts; Copyright Page; Contents; Organizing Committee; Foreword; Acknowledgements; Financial Support;

Chapter 1. The design of catalysts; Chapter 2. Effect of impregnation and activation conditions of Al₂O₃/CuO supported monolith catalysts in the reduction of NO; Chapter 3. Effect of pretreatment on activity, selectivity and adsorption properties of a Fischer-Tropsch-catalyst; Chapter 4. The influence of impregnation, drying and activation on the activity and distribution of CuO on α -alumina Chapter 5. A study of the chemisorption of chromium (VI), molybdenum (VI) and tungsten (VI) onto γ -alumina Chapter 6. Dispersion and compound formation in some metathesis catalysts and fluorine containing alumina's, studied by XPS and Laser-Raman spectroscopy; Chapter 7. Reduction of silica supported nickel catalysts; Chapter 8. Interaction of nickel ions with silica supports during deposition-precipitation; Chapter 9. Crystallite size distributions and stabilities of homogeneously deposited Ni/SiO₂ catalysts Chapter 10. The preparation and pretreatment of coprecipitated nickel-alumina catalysts for methanation at high temperatures Chapter 11. Controlled catalyst distribution on supports by co-impregnation; Chapter 12. Multicomponent chromatographic processes during the impregnation of alumina pellets with noble metals; Chapter 13. Factors controlling the retention of chlorine in platinum reforming catalysts; Chapter 14. Preparation of alumina or silica supported platinum-ruthenium bimetallic catalysts; Chapter 15. Preparation of catalysts by adsorption of metal complexes on mineral oxides Chapter 16. Analysis of steps of impregnation and drying in preparation of supported catalysts Chapter 17. Some mechanistic correlations between impregnation and activation operations for the preparation of high-selectivity supported metal catalysts; Chapter 18. The impregnation and drying step in catalyst manufacturing; Chapter 19. Study of the interaction of Fe₂O₃-MoO₃ with several supports; Chapter 20. Relationship between average pore diameter and selectivity in iron-chromium-potassium dehydrogenation catalysts Chapter 21. Preparation of highly-dispersed ruthenium on magnesium oxide supports : comments on the advantages of non-aqueous catalyst preparations Chapter 22. Catalyst activation by reduction; Chapter 23. The activation of iron catalyst for ammonia synthesis; Chapter 24. Preparation and characterization of small iron particles supported on MgO; Chapter 25. Ruthenium catalysts for ammonia synthesis prepared by different methods; Chapter 26. Limiting factors on the structural characteristics of Ru/SiO₂ and RuFe/SiO₂ catalysts Chapter 27. Preparation aspects of Ru-supported catalysts and their influence on the final products

Lengua: English

ISBN: 1-282-03487-1 9786612034879 0-08-096045-6

Materia: Catalysts- Congresses

Autores: Delmon, Bernard Grange, P. Jacobs, Paul I. Poncelet, G.

Enlace a formato físico adicional: 0-444-41733-8

Punto acceso adicional serie-Título: Studies in surface science and catalysis v. 3

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es